



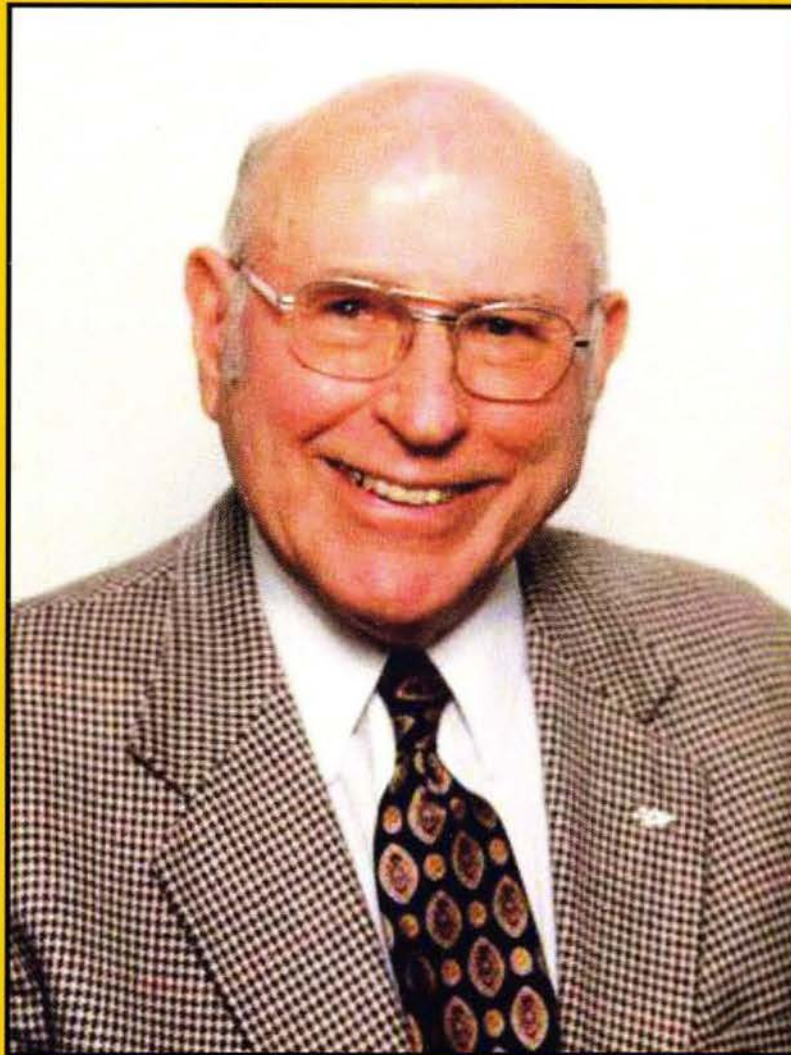
Founded in 1947

QCWA Journal

VOLUME LIII

Summer - 2004

NUMBER 2



**President Emeritus Leland Smith, W5KL
1914-2004**

Quarter Century Wireless Association
P.O. Box 3247
Framingham MA 01705-3247

Change Service Requested

NON PROFIT ORG.
U.S. POSTAGE
PAID
MELBOURNE, FL
PERMIT NO.773

Member Supplies

Certificates

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

QCWA Gold Certificates celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

Gold Certificates are issued in five year increments; 55, 60, 65, 70 and 75 year certificates free of charge to eligible members.

Fifty Year Continuous Licensing Gold Certificate available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

QCWA Century Club Certificate is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

Meritorious Award Certificate is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

Operating Awards

QCWA Operating Award Certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA Worked 50 States Awards are issued to QCWA members who have contacted members in each state of the union.

QCWA Worked 100 Members Awards are issued to QCWA members who have contacted at least 100 QCWA members.

QCWA Worked 60 Chapters Awards are issued to QCWA members who have contacted members of 60 chapters.

QCWA Worked 500 Members Awards are issued to QCWA members who have contacted 500 QCWA members.

QCWA Lapel Pins

Without year tags, tie-tack, safety pin or screw type. Plain pins (no year) - \$10

With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 - \$15

QCWA Life Member pin - \$5

Other Member Supplies

QCWA Embroidered emblem - \$5

450 QCWA Red Stamps (regular) - \$3

450 QCWA Gold Stamps (life) - \$3

400 QCWA Yellow Stamps (50 Year) - \$3

QCWA Cap with logo - \$15

QCWA Chapter Banner - \$200

QCWA Decals - \$1

QCWA QSL cards - (see ad elsewhere)

Please send your order to QCWA Headquarters, P.O. Box 3247, Framingham MA 01705-3247

Phone (inquiries only, no orders): 508-405-1930, FAX: 508-405-1965

We accept orders charged to credit cards.



JOURNAL

Summer 2004/Vol. LIII No. 2

Editor

Gerry Wentz, KC4EHT

Contributing Editors

John B. Johnston W3BE

FCC Highlights

Business Office

P.O. Box 3247

Framingham MA

01705-3247

508-405-1930

FAX: 508-405-1965

email: qcwagm@rcn.com

Editorial & Advertising Office

672 Indian River Drive

Melbourne, FL 32935

800-421-3279

321-254-3095

FAX 321-242-5993

QCWA@cyberskipdigest.com

QCWA Internet Home Page

<http://www.qcwa.org>

e-mail address

qcwagm@rcn.com

QCWA National Nets

SSB - Sunday at 2000Z on 14347

CW - Wednesdays at

2000E on 7035

QCWA JOURNAL is published four times a year (quarterly) by the Quarter Century Wireless Association, Inc. Membership in QCWA, including a subscription to the Journal, is available to individuals who qualify in the United States and its possessions at the following rates: \$20 for one year; \$35 for two years; \$50 for three years; and \$300 for life. For foreign membership rates, please contact the business office.

POSTMASTER: Please send change of address to QCWA, Inc., P.O. Box 3247 Framingham MA 01705-3247

Printed in USA and mailed Third Class from Melbourne, FL; Framingham, MA and other locations.

Reports

- 3 President's Message by Croft Taylor VE3CT
- 10 General Manager's Report by Chuck Walbridges K1IGD
- 22 Chapter Reports
- 51 New Members

Features

- 4 Biographical Sketch - Brigadier General Leland Smith W5KL SK
- 5 Walsh Appointed Manager of QCWA Memorial Scholarship Program
- 9 Lost but not forgotten Boeng 307 by Bob Moren K4CX
- 9 Robert Wessel Music by Robert Wessel K4PL
- 11 Comedy on the HIGH SEAS as Circa 1940/41 by KH6JF
- 12 Rules for the 48th Annual QCWA Parties
- 46 Random Recollections of an Old Ham by George Hart W1NJM

Columns

- 14 Q&A The Rules Say... by John B. Johnston W3BE

Departments

- 50 Chapters on the Air
- 54 Silent Keys
- 55 Member Classifieds

Cover: Leland Smith, President Emiritus Silent key.

QCWA CONVENTION 2004

OTTAWA, CANADA — OCTOBER 14-16

HOSTED BY NATIONAL CAPITAL CHAPTER NO. 70

REMEMBER WHAT A GREAT TIME WE HAD IN 1996 !!!

QCWA Officers and Board of Directors

President Croft Taylor, VE3CT

3 Weatherly Dr., Kanata ON K2W 1A3 Canada
613-839-3336 (May-Oct) 941-486-0969 (Nov - Apr), ve3ct@rac.ca

Vice President John Johnston, W3BE

17701 Bowie Mill Rd., Derwood MD 20855-1608
Phone: 301-869-8286, johnston.john1@worldnet.att.net

Secretary Alan Pickering, KJ9N

31860 Taylor Grade Road, Duette FL
33834-6862, 941-776-0933, kj9n@juno.com

Treasurer Frank Harris, WA4PAM

512 E Pasadena Ave., Clewiston, FL 33440
Phone: 863-902-3645 e-mail: fcharris44@earthlink.net

Past-President Gary Harrison, KØBC

PO Box 467, Bolivar MO 65613-0467
417-777-7777, Fax 417-777-4783, kØbc@arrl.net

General Manager Chuck Walbridge, KIIGD

P.O.Box 3247 Framingham MA 01705-3247
508-405-1930, FAX: 508-405-1965, qcwagm@rcn.com
QCWA home page - <http://www.qcwa.org>

Directors

Harold Chase, W1EES, 75 Chestnut Cir, W Suffield CT 06093-2100
860-668-0845, ees73@att.net

Ray Minichiello, W1BC, 45 Shaw Drive, Bedford, NH 03110-6050, Phone: 603-472-9746, raymin@marconi-usa.org

Harrison W. Moore, W2JQS, 101 Boulder Trail, Bronxville NY 10708 914-337-5191, w2jqs@aol.com

Jerrel Jones, W5TUU, 2025 Meadowcreek Rd., Plano TX 75074-4663 972-423-0202, jerrelj@gte.net

Arthur F Kunst, W3WM, 547 Orient Ave, Dubois PA. 15801-3221
814-372-2945, w3wm@aol.com

Bill McGrannahan, NØZL, 4826 Jarboe St., Kansas City MO 64112-1335, 816-561-0730, HAMSTER@kc.rr.com

Leonard M Nathanson, W8RC, 29203 Lake Park Dr, Farmington Hills, MI 48331-2661, 248-553-8111, len@w8rc.org

Bob Roske, NØUF, 7504 N. Brooklyn Avenue, Gladstone, MO 64118-2332, 816-436-0069, nØuf@kc.rr.com

George Roach, VE3BNO, 104 Strathcona Ave, Ottawa, ON, K1S 1X6, Canada. 613-234-0885, groach@igs.net

Ed Yoder, W3YMB, 9 Lakeridge Dr., Greensburg PA 15601-9799
724-850-4462 edyoder@comcast.net

THOSE WHO HAVE SERVED

Past Presidents

John DiBlasi, W2FX (SK)	1947 - 1964
Earl R. Thomas, W2MM (SK)	1965 - 1968
Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA (SK)	1972 - 1973
Frank A. Gunther, W2ALS (SK)	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL (SK)	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP (SK)	1994 - 1996
John Kelleher, W4ZC (SK)	1996 - 1998
Gary R. Harrison, KØBC	1998 - 2002

Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991
Jim Walsh, W7LVN	1991 - 2003

The QCWA Journal

The Quarter Century Wire
less-Association and
QCWA JOURNAL in no way
warrant the products de-
scribed or reviewed herein.

The JOURNAL does not as-
sume responsibility for unso-
licited manuscripts. Sub-
scription to the JOURNAL for
nonmembers in the US is
available for \$20 per year.
Contact the business office
for subscription information.
The JOURNAL is available
free to blind paid-up mem-
bers on audio cassette tape.
For more information, con-
tact Blanche Randles,
W4GXZ, 44 Western Lane,
Amherst, MA 01002.



The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., P.O.Box 3247 Framingham MA 01705-3247. Telephone: 508-405-1930, FAX: 508-405-1965.

From the President

Croft Taylor, VE3CT



This will be my last message to you as your Association President in that my tenure ends on the 1st of September. I would like to thank all Officers, Directors and Committee Chairmen for their assistance and support during the past two years, in that because of them, many of the goals I set forth have been accomplished, and the Association is in a good state of health.

This is notwithstanding the turmoil we have experienced during the past 6 months. First of all, our Nominating Committee Chairman for the 2004 Board Candidates Chuck Dorian, had to step down from his position because of deteriorating eyesight. Then, we were all shocked with the passing of our President Emeritus, General Leland Smith, W5KL. Lastly, our General Manager, Jim Walsh, W7LVN, had to resign his post because of a serious illness. Although we managed to secure the services of Chuck Walbridge as our new General Manager it necessitated running for some time, a dual Headquarters operation in Oregon and Massachusetts and developing a difficult transitional plan between the two locations. We expected some growing pains of course, but our new General Manager, Chuck Walbridge, K1IGD, is a capable and dedicated person, and I am pleased with his implementation progress.

Leland's passing was a great shock to me. He was the first senior QCWA official I met many years ago, and we maintained close ties ever since. His guidance was invaluable to all Officers and Directors over the years, and he was highly regarded for his administration of the Scholarship Committee. I am delighted that Jim Walsh has volunteered to assume the Chairmanship of this Committee. Jim and Leland closely liaised in Scholarship matters, and Jim was therefore able to quickly assume and execute this important function. We are thankful for all the years Jim has dedicated to the Association, and wish him well for the future.

Speaking of new appointments, have you noticed that Bob Buss, W2OD, is our new teller for the semi annual QSO parties? As a former member of our Board of Directors, Bob made a significant contribution to the Association, and has remained very active at the local Chapter level. I am pleased to see him at the helm of this new function. Our thanks go out to Dick Newsome, W0HXL for his past administration of this important job.

This year our Annual Convention will be held in Ottawa - Canada's National Capital. Part of the Convention Activities will involve a 2 hour Steam Train Ride to the Province of Quebec. The Fall colours should be beautiful at that time of the year - so plan on taking a mini vacation in Ottawa next Fall. See QCWA's Web Page for details.

Finally, my very best wishes to the new Board of Directors who take office on 1 Sep 04. As Past President, I look forward to representing you for the ensuing two years as a voting member of the new Board.

BIOGRAPHICAL SKETCH - BRIGADIER GENERAL LELAND SMITH W5KL SK

Brigadier General Leland Smith was retired while on active duty at the Marine Corps Recruit Depot, San Diego, on June 30, 1970 after thirty-six years reserve and active service in the Navy and the Marine Corps. Enlisting in the Naval Reserve in 1934 when he was 20 years old and serving aboard a destroyer as a radio operator, he was discharged in January, 1937 to enlist in the 19th Battalion, Fleet Marine Corps Reserve. Advancing to the rank of sergeant major, he was appointed as a Second Lieutenant in the Marine Corps in 1940 while on active duty at the Marine Barracks at Portsmouth, Virginia. With the exception of warrant officer, he served in every enlisted and officer rank of the Marine Corps.

General Smith was on duty throughout and following World War II and was awarded the Bronze Star with combat V with three battle stars. He served as Electronics Officer for the Fleet Marine Corps Pacific Air Command during the Korean conflict. He was later awarded the Legion of Merit.

During his years as a reserve officer on inactive duty, General Smith commanded several reserve organizations and as Brigadier General represented the Commandant of the Marine Corps at a number of events where the Commandant could not be present. He is a past national President of the Marine Corps Reserve Officers Association.

While stationed in Washington, DC, General Smith earned bachelor and master of arts degrees at George Washington University. His last civilian position was with the National Centers for Disease Control in Atlanta where he served several years as Chief Finance and Budget Officer and as a Congressional budget witness for that organization.

General Smith was married to the former Helen Doernenburg and has three sons. He and his wife lived in Newton and Boone Counties for over twenty-seven years where he has been active in a number of charitable and patriotic organizations

Reflecting back on my life, I proudly acknowledge how thankful I am for my birth and childhood in the Ozarks and how fortunate I have been to return in my retirement years. During my over thirty-seven years combined federal service as a civilian and career reservist in the Marine Corps, I am convinced that my heritage contributed to my outlook, good fortune, and happiness. My parents, descendants of early settlers in Southern Missouri, lived briefly in Joplin where I was born early in 1914.

My great-great-grandfather Levi Smith emigrated with his family from Tennessee to what is now Barry County, Missouri in the early 1800s. He later died and was buried alongside the wagon trail while en route to California to search for gold. Fortunately, handed down to me are excerpts of my great-grandfather Absolom Smith's handwritten ledgers beginning in 1840, which I still treasure. My grandparents, Adam Smith (a Methodist Church, South, circuit rider) and his wife Louisa Jennings Smith, moved across the Arkansas border to a farm near Eureka Springs in 1918, where he died a few months later during the flu epidemic. In Eureka Springs, I started

school in a red brick schoolhouse that was destroyed by fire a few years ago.

It was in Eureka Springs at the first Armistice Day celebration on November 11, 1919 that I saw my first soldiers. They were participating in the shooting down of an effigy of the German Kaiser from the trolley line in front of the Basin Park Hotel.

During the winter of 1920, my grandmother took me to Birmingham, Alabama where one of her sons (my uncle) was principal of a public school. Thus ended my childhood in Arkansas, but I still have vivid memories of my life on the farm and in downtown Eureka Springs.

My uncle and benefactor provided my grandmother and myself with a place to live and living expenses until he died following a stroke in the early thirties. We became wards of the American Red Cross for our food supplies. My introduction to quasi-military life came in 1933 when I qualified for enrollment in the Civilian Conservation Corps and was sent to a camp on the grounds of Fort McPherson in Atlanta, Georgia. This was a processing camp, com-

manded by an Army officer, where we bunked in four-man tents and were outfitted in surplus World War I khaki uniforms.

I will never forget my first meal in an Army mess hall. I learned to use metal field U.S. Army mess gear and drink hot coffee from a tin cup with a folding handle that somehow frequently tended to collapse as I moved from the serving lines to the table. It was in the CCC that I decided that serving in the military could be an option for my future.

Instead of being sent to the forests to clear wooded areas and build roads, I was assigned to duty at the Army Finance Office at the fort, typing allotment checks for CCC enrollees. My earlier training in a business college in Birmingham, mentioned in my enrollment record, probably resulted in the assignment.

It was not a bad life. My CCC service provided monthly government checks for twenty-five dollars for my grandmother and five dollars a month for myself as spending money. I was able to continue my hobby as a radio amateur with low power home-made equipment from my tent and was invited by a friend to join the Naval Reserve Unit at Georgia Tech.

Upon joining, I was issued Navy uniforms and hastily trained. As a sailor and ordered to training duty as a "striker" in the radio room of a destroyer, the U.S.S. Babbitt. Questions arose by the Army as to whether it was legal for me to be granted military leave with pay while on training duty with pay in the Navy. Fortunately, the decision was in my favor. This was my first experience as a uniformed member of the U.S. Naval Service.

In early 1937, while serving in my Civil Service civilian appointment at the Veterans Hospital in Augusta, Georgia, I asked for a discharge from the Naval Reserve to enlist in the U.S. Marine Corps Fleet Reserve Battalion being organized in Augusta.

Enlisting as a Private, and quickly learning the manual of arms and traditions of the Marine Corps in our weekly paid drill sessions, I advanced through the ranks to Battalion Sergeant Major as the Marine Corps began building up for possible war with Germany.

Attending all of the drill sessions and summer encampments at Parris Island, SC and the Marine Corps Base at Quantico, VA., I began preparing myself for commission as a Second Lieutenant in the Corps. Being only a high school graduate and almost 25 years old at the time, I questioned if I could qualify for a commission. My battalion was mobilized for continuous active duty in the fall of 1940 and sent to the Marine Barracks at the Norfolk Navy Yard in

Portsmouth, Virginia. It was there in October 1940 that I received my commission as Second Lieutenant in the Marine Corps Reserve. Becoming an officer in the Marine Corps opened new opportunities never before dreamed. When Japanese carrier-based planes bombed Pearl Harbor on December 7, 1941 I was stationed at the Marine Barracks, Parris Island, SC, assigned as Assistant to the Communications Officer. On Sunday of the attack I was on standby duty, since the Communication Officer, a Marine Corps Major, was on leave. Having no office duties that Sunday, I had donned my fatigue uniform and was surf fishing on the beach when the Commanding General's car approached and braked to a fast stop in the sand. I was startled when the General's driver leaped out of the car and ran over to me, shouting, "General Breckinridge wishes to see you immediately."

"What have I done now," I asked myself: as I tried to think what I could have done wrong.

When I implored the driver to take me by my quarters to change to the uniform of the day, I was told that the General wanted me immediately, and that I should report to him in my fatigues. This convinced me that I must be in deep trouble.

Knocking lightly on the General's door, it was opened and there he stood, in the center of his office, along with the chief of staff, operations officer, and the aide de camp, all with somber faces. I was convinced that I was in for a severe reprimand, even dismissal from the Service. My feelings changed completely when the General barked, "Open the safe, Lieutenant, I want to retrieve the war plans. The Japanese have just attacked Pear Harbor."

I did not respond with the usual, "Aye, aye, Sir," but, dumbfounded, hurried over to the safe. With trembling hands, I twirled the dials and opened it. I was then dismissed and, although still in shock at the news, I was glad to be out of the General's office.

In the months that followed, I was ordered to temporary duty at several Army and Navy commands for orientation and training in radar and communications equipment and maintenance. One of these temporary duty assignments was at the Headquarters of the U.S. Navy in the building adjacent to the White House. One morning, I met Admiral Richard Evelyn Byrd who had been called to active duty to plan a flight to Antarctica. I first met him and chatted with him in the men's room, where he shaved every morning.

Later, I spent a couple of weeks at the Navy's Lighter Than Air Facility at Lakehurst, N.J., where I made several flights aboard a Navy blimp as an ob-

server, searching for German submarines cruising off the Atlantic coast. While attending the Army Signal Officers School at Fort Monmouth, N.J., my roommate was 1st Lieutenant Mel Allen, the well known radio sports announcer from Chicago. He did me a great favor about two o'clock one morning. He drove me to the base hospital where I was admitted with acute appendicitis followed by an emergency operation and three weeks hospitalization. After that, I was sent to the Army Radar School in Stewart, Florida for lengthy training in the new and vitally important air search and gunfire radar equipment, designed to scan the skies for and identify aircraft as friend or foe.

The Marine Corps wanted to be certain I was also familiar with Navy radar, so I was then sent to the Naval Air Station in Corpus Christi Texas, where I learned about Navy search radar and how to operate and maintain it. While there, the Navy instructed me how to stay afloat if I fell overboard from a ship or parachuted from a plane into the ocean.

I was required to jump feet first from a diving platform twenty feet above deep water. The purpose was to teach survival in keeping afloat by removing shoes and trousers after hitting the water, using the pants upside 'down as an' air pocket to sustain the head above water. I don't mind saying now that, at the time I was struggling through the procedure, I thought I was going to drown. I didn't.

In 1943, as a Major in the Corps, stationed at the Marine Corps Air Facility, in Santa Barbara, California, I received orders to report to San Diego for further assignment to the Pacific theatre OJ operations. I had no more than arrived in San Diego when I received orders to board the U.S.S. Feland, an attack transport destined for Pacific duty. There was no advance warning that I would be in charge of a contingent of enlisted Marine technicians along with two large cargo trucks and two huge trailers of radar equipment. When I boarded the ship I was also told I was senior Marine Corps officer aboard with 700 eager young Marine pilots under my charge. I soon learned that the officers were not allowed to sit down at the mess tables until I entered the mess hall and gave them permission. I was late for mess only once, the first time I entered the mess cabin.

The voyage was slightly longer than ten days of zigzagging the ocean before it was announced the vessel was crossing the equator and I realized then that we were headed for the South Pacific. I will not describe all of the ceremonies service personnel must endure when crossing the equator for the first time on a Navy ship. I will tell you I was ordered to strip

to the waist, kneel and kiss the royal and highly greased bare stomach of the biggest sailor on the ship. I did this without question, because I had earlier observed another large sailor shoving hesitant Marines into the greasy stomach of the target.

My temporary destination was Pago Pago in American Samoa. There, my men and equipment were downloaded and assigned to Marine Air Group 13 staging there. I had never been to a tropical island, so the beautiful green mountains and the native culture fascinated me. The native Samoans were friendly people, clad in the island barest of necessities and living simple lives. It did not take me long to learn also that it rained every day on the. Pago Pago, where we were docked, I later learned, receives over 300 inches of rain annually. While there, I studied my secret radar manuals thoroughly and, with my men, assembled and tested the radar equipment. I was amazed that we could

Our visitor was none other than Charles A. Lindbergh who had flown to Kwajalein with a F4U plane to demonstrate to our Marine aviators how to carry two one-thousand-pound bombs under the wings of Corsairs. Years later, by then Brigadier General Charles A. Lindbergh and I had a pleasant day and evening together in Birmingham, Alabama as we celebrated Veterans Day in 1972.

After that, I accompanied some of my General's staff on an information-gathering visit to Guam, Tinian, and Saipan. On the latter island, some sniper fire was still going on, but I did not see any live Japanese. I also had the opportunity to go as a surveillance observer on a Marine PBJ aircraft flight in the area between Saipan and Iwo Jima. It was a flight of several hours, during which we did not detect any enemy planes or ships.

An interesting sidelight of my stay on Kwajalein was, when things became quiet and most of the Japanese airfields within range had been destroyed; one of my communications men came up with the idea to put a radio broadcasting station on the air to entertain troops. After determining we had enough Japanese parts and tubes, as well as some of our own, we put together a 50-watt AM broadcast station.

After nearby Japanese strongholds on Roi-Namur and Eniwetok were secured by the Navy and Marines, I visited Roi-Namur to view the results of the battle firsthand. In checking names on the fresh graves with little white crosses, I noted one that was inscribed "Acuila 1. Dyess, Lt. Cot, USMCR." Several years earlier, Captain Dyess had been my commanding officer in the old 19th Battalion, Fleet Marine Reserve, in Augusta, Georgia. I later learned that

he was posthumously awarded the Congressional Medal of Honor for bravery in leading his marines during the invasion of Roi Namor.

My Commanding General agreed to sign a letter I had written to the Commander in Chief of Pacific Operations, Admiral Chester Nimitz, requesting permission to operate the broadcast station on 1030 kilocycles. I proposed using KW AJ as our station identification and that it would be operated for the entertainment and morale of our Marine and Navy personnel in the area. We had plenty of V-disc recordings of popular music and as a radio operator I copied the news from the States via short wave broadcasts. To my surprise, the request was approved and we went on the air and subsequently received considerable local fan mail.

Of course, this was an illegal operation for which the Federal Communications Commission would, during peacetime, prosecute us. In fact, I feared at the time that this could cause the Navy and the Marine Corps a problem, as the story about the Marine Corps broadcast station on Kwajalein made the press in the States. Just before I left Kwajalein, late in 1944, to return to the States for duty at Headquarters, Marine Corps in Washington, the Army's Armed Forces Radio contingent arrived on the island and installed a higher powered broadcast station and we dismantled ours. ~ In Washington, I was assigned to the Marine Corps Division of Aviation, where I participated in the updating of squadron and air group communications equipment requirements. Shortly after I reported for duty in Washington, I was surprised when I was awarded the Bronze Star with combat V, for bravery during enemy attacks, by the Commandant of the Marine Corps, Lieutenant General Archibald Vandegrift, in his office.

I knew nothing about the Manhattan Project, and was prepared to return to the Pacific for duty with the invasion of the Japanese mainland. News of the two atomic bombs being dropped on Hiroshima and Nagasaki was as big a surprise as had been the Pearl Harbor bombing.

After the war ended, it took several months to decide whether to ask for retention for a career in the Corps or return to civilian life and continue as a Marine Reservist. Learning I could count my active military service toward Civil Service retirement and that Public Law 346 (GI Bill of Rights) made it possible to go to college at government expense, I decided to leave active duty and return to the Veterans Administration.

My first postwar Civil Service assignments were as Finance Officer of two VA hospitals in Atlanta where, at the same time, I organized and was Com-

manding Officer of an organized Marine Corps Reserve Ground Control of Intercept Squadron. Before I could begin my college studies, I accepted a better position at the VA Regional Office in Montgomery, Alabama.

I retained my Reserve assignment with the MGCIS at the Naval Air Station in Atlanta until June, 1950, when the Marine Corps again ordered me to continuous active duty with assignment as electronics officer on the staff of the Commanding General, Fleet Marine Air Command, Pacific.

After two years, and as the Korean War was winding down and after I had been promoted to Lieutenant Colonel, I was released from active duty, returning to the Veterans Administration, this time as an auditor on the staff of the Comptroller for the VA in Washington, DC. This gave me an opportunity to enroll in evening classes at George Washington University where I earned Bachelor of Arts and Master of Arts degrees, while employed full time at the VA.

While in Washington, I organized a Marine Corps Air Reserve Group, made up of pilots and ground officers, at the Naval Air Station, Anacostia, DC. I served as Commanding Officer of the Reserve organization until I accepted a position with the Center for Disease Control in Atlanta as Chief of Finance and Budget for the decentralized Public Health Service Agency. In this civilian position, I was a Congressional Budget witness for several years and traveled extensively for the organization while supervising a staff of some 60 employees. It was while serving the CDC that the organization virtually eliminated polio, whooping cough, and measles in the United States.

In Atlanta, I again organized a volunteer group of Marine Reserve aviators and ground officers and became their Commanding Officer at the Naval Air Station in Marietta. Also, while in Atlanta, I was elected national President of the Marine Corps Reserve Officers Association. For years, the Marines had only five reserve general officer billets. I was very fortunate to be recommended by the Commandant of the Marine Corps and President Nixon for flag rank and was approved by the United States Senate for promotion. I received my star at ceremonies in the Office of the Commandant of the Corps in 1976.

As a general officer, I was ordered to active duty, with full pay and allowances, for many short periods, to make appearances at civic organizations and public celebrations as representative of the Commandant, especially in the eastern part of the country. My wife was authorized to travel with me on military aircraft and we made a number of interesting trips.

For several years, up until 1972, I was ordered to

represent the Commandant at several annual Armistice Day celebrations in Birmingham, Alabama. Each year, that city gained national recognition for bedecking the streets with flags, sponsoring huge military parades, and inviting dignitaries, including some outstanding Americans, who were especially honored during the celebrations, of Marine Corps General Officers. These were, exciting times with the Marine Corps, in addition to, those of my civilian responsibilities at the Center for Disease Control in Atlanta.

Brigadier General Leland Smith (had the opportunity to) greet Jimmy Stewart, 1972 Some of those outstanding personalities were Roscoe Turner (who at one time held the world's speed record in an airplane), retired Five Star General Omar Bradley, retired Marine Corps General Schilt (who had earlier been awarded two Congressional Medals of Honor), Jimmy Stewart (the movie star and retired Air Force Brigadier General), and General Charles A. Lindbergh, at that time, also a retired Air Force Brigadier General.

Brigadier General Leland Smith (met with) with Five star General Omar Bradley on June 30, 1970, I was retired from the Marine Corps at the Marine Corps Recruit Training Depo in San Diego. On the same date, I retired from federal Civil Service. I have been employed by or retired from the federal government continuously) from 1933 to the present. At no time since, retirement have I worked elsewhere for money or compensation.

As representative of the Commandant of the Marine Corps, I spent time with all of these distinguished and well-known personalities. The Marine Corps photographer detailed to the celebrations took dozens of pictures in which I appeared chatting with, these great men. During this time, I was invited to serve as Grand Marshal of several military parades as well as make appearances at military association briefings and meetings. One of these included a special orientation at the Naval War College with a group of Marine Corps General officers. These were exciting times with the Marine Corps, in addition to those of my civilian responsibilities at the center for Disease Control in Atlanta.

During my retirement in Newton County, beginning in 1970, some of my charitable and non-profit activities included involvement in the United Methodist Church, including service as a Lay Speaker at churches in the area, service as Lay Leader for the Fayetteville United Methodist District, and as a member of the North Arkansas Conference Council on

Ministries in Little Rock. I also served as President of the Newton County Special Services School, Treasurer of the Newton County Medical Center, Commander of the Jasper American Legion Post, Board member and Communications Coordinator for the Deer Volunteer Fire Department, Board member and President of the five county Ozark Regional Mental Health Center, Vice-President of the Newton County Historical Society for several years, as well as a member and Vice-President of the 27 County Health Systems Advisory Committee and national President of a non-profit organization.

I also served on the Claude Parish Foundation Fund Board of Directors, the Governor's State Rural Health Advisory Committee, as President of the Harrison Chapter of Retired Federal Employees, as Master of my Masonic Lodge, and as a Director on the governing Board of the Radio Club of America in New York City. Notwithstanding the active life we led while in Newton County, we made several overseas trips to European countries, toured Egypt and Israel, some of the Caribbean Islands, and all 50 States.

Editor's Note: Leland Smith received the Bronze Star with Combat V for heroism maintaining vital communications during combat, as well as being awarded the Pacific Theatre Medal, with three battle stars, for three different campaigns.

My wife and I have lived in Harrison since 1992. Due to advancing age, I have not participated in community, state, and national activities as I once did. I am, however, still active in my church, the First United Methodist, continue as secretary of the Masonic Lodge in Jasper, as Legislative Chairman of the local chapter of retired federal employees, as President Emeritus of a national non-profit organization and chairman of the organization's national Scholarship Fund Committee, as national President of another small non-profit organization, and Board member of the Boone County Historical and Railroad Society.

I have been very fortunate, blessed and protected from harm throughout my life, for which I am exceedingly grateful. If I could live my life over, I would strive more diligently to better serve my country and the communities where I lived. I would also work harder to participate in the challenging opportunities to serve that might come my way. And, hopefully, I would avoid the mistakes in judgment and actions I have made in the past.

—Excerpted from the Boone County Historian, Harrison, Arkansas - April - June 2000



QCWA memorial Scholarship Program

With the death of Leland Smith W5KL, we lost a dedicated Scholarship Chairman. During his period of being the chairperson he always found ways to promote the program.

During the last few years I assisted him in a number of ways and although I have had to resign as GM, because of health problems, I did volunteer to continue his work. This is a labor of love, for me, and something I can very well do in spite of the medical condition.

As in the past the Foundation for Amateur Radio (FAR) will continue to do the work they have done so very well. Applicants will contact them to obtain the necessary packet to make application for an award.

Also, as in the past, all contributions to the Fund should go through Headquarters and they will be acknowledged as such.

I would like to make one request of our members, please find it possible to make a contribution to a proposed Leland Smith, W5KL, memorial Named Scholarship. This is the first chance we have had to announce this and Leland's memory is well worth having a Scholarship named after him.

Jim Walsh, W7LVN jwalsh@teleport.com

Lost but not forgotten Boeing 307

—by Bob Moren K4CX

Despite the fact that I've been on the air for 72 years I am a relatively new QCWA member. The following may be of interest. Before I went into an engineering career as a Test Set Designer on AM and FM broadcast gear, mikes, and missile systems, etc I was with Pan American Airways as a Flight Radio officer/Navigator during the old flying boat days and later the land planes. Communications was all CW and the navigation was radio/df (loop antennas and good hearing!!!!)

Now to the point of the story. You may be aware that the first pressurized cabin airplane was the Boeing 307. Only ten were made two of them the Clipper Flying Cloud and the Clipper Rainbow; two of them based in Miami.

A few years ago the only surviving B307 was found in a sad state of disrepair and acquired by Boeing and The Smithsonian. It was the Clipper Flying Cloud. It has since been restored to mint condition and was recently flown to Dulles International in Washington and now is part of the new Air and Space Museum. I made a few trips on the Flying Cloud (Miami to Balboa in the Panama Canal zone at that time) as the Radio Op/Nav and am happy to report that they have probably cleaned the several coffee stains I left on the flight deck.

Beyond that, several of the older Pan Am guys who flew back in those days on that plane as well as the old flying boats are still around and active hams. We get together Thursdays at 4PM Eastern USA time around 14325. Among others are N6VT, W1LIM, AB4GD, N8HGO and yours truly K4CX. That's the scoop.

ROBERT WESSEL MUSIC

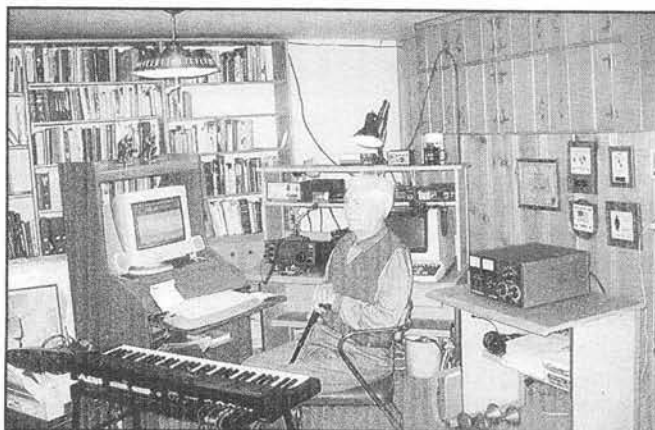


Photo by Martha F. Andrews

*Robert Wessel Music Studio' An amateur Radio Station
K4PR and our professional library at 40 Jones Circle, Old
Hickory, TN, 37138.*

Bobk4 pr@bellsouth.net

I am sending you my picture of the music studio used mainly for music composing, and the extra class K4PR amateur radio station, both in a commodious basement room here at our home in Old Hickory, TN. It's been a life full of successes.

This is my 70th year as an amateur radio operator. I was first licensed in KCMO in 1934 as W9SNZ, then WOSNZ, then W2ZBP at Shanks Village, NY while getting a degree at Columbia U., then W4ROG and finally in 1970 K4PR was granted to me. My long time QCWA no. is 07795. I haven't been much active with QCWA affairs; I did start chapter 103 but I sort of gave up the fight after a while.

One notable success was WW II. I was a T/3 or tech sgt in the 3299 Signal Corps Co. assigned to send coded messages back and forth between Gen. Eisenhower and his forward Generals throughout the war. We had excellent Motorola gear and maintained a chain of relay stations going strongly for our side the USA. I have always had many interests, but have finally settled down to composing classical music and chasing dx. I have been in many contests, have both Phone and CW DXCC Honor Rolls, been a VEC, et cetera.

Best wishes to the QCWA fraternity. Hopefully you will continue your fine pursuits and also your interesting magazine. Maybe you will like to use my photo I am sending some time. Regards.

Robert Wessel, Jr. K4PR Ed.S,Ed. S 40 Jones Circle Old Hickory, TN 37138



Gen. Manager's Report

Chuck Walbridge, KIIGD

The moving van from Eugene arrived and the office supplies, callbooks, and all other documents have been filed. The QCWA computer is in place and member renewals, address changes and new member applications are now being processed. It can be said we are "off and running"! We thank all of you for your patience in having to wait for your requests to be processed. Things are going much smoother at this time.

I'm looking forward to my first trip to Dayton this year and the chance to meet many members face to face. This gives your officers and staff a chance to receive your feedback and for us to resolve any questions you may have.

As a reminder, there has been a change in where you submit your Journal inputs. All chapter reports should be forwarded to Gerry Wentz, the Journal editor. That includes any photos you might have. Please identify your chapter on text and photos and also any caption that goes with photos. Save photos in jpg format with 200 to 300 dpi minimum. Text should be in Word or txt format, or if you don't have that available use text or rtf (Rich Text Format); Simply send to QCWA@cyberskipdigest.com. All other correspondence should be sent to the General Manager.

Ballots are in the mail to all active members as of May 10th. Follow the directions on the ballot to vote. Results will be announced the end of July.

Hope everyone has a great summer!

News from W1HEO

Contact: "Dee" Logan, W1HEO

(440) 357-4471 or 352-8292

delogan@amertiech.net

New Book by QCWA Member Offers DX Tips

MENTOR, OH, March 17, 2004 - A new book, "Tips to The Top From DX Pros," provides dozens of DX success factors and operating tips collected in a survey of 100 outstanding DXers.

Written by veteran DXCC Honor Roll member "Dee" Logan, W1HEO, a member of QCWA Cleveland Chapter One, the book contains details of the survey conducted among leading DX operators listed in the DXCC Honor Roll, Worked All Zones, and CQ DX Awards rankings, plus key DXpeditioners. Over 40 percent of the 100 surveyed responded, providing numerous comments, tips and quotes on what they consider to be important factors for DXing success.

"This book presents the unique experiences of outstanding DX operators by offering in their own words the factors that they consider to be important for success in reaching the top of the DX rankings," said Logan. "There are valuable ideas and keen perspectives in this book that can come only from decades of experience. Such observations are worth noting by both the beginner and experienced DX operator."

The ten chapters of the book include suggestions for equipment, antennas, pileup strategies, locating the DX, getting the QSL, tips for reaching the top, and various sources for improving DX skills.

Published by D.E. Logan Public Relations, the 32-page book is priced at \$9.00 plus \$1.50 for shipping and handling. To order,

Memorial Scholarship Fund Donations

NAME	HONORING
Chapter 12	W4BYK
Chapter 153	
Chapter 202	W4FOD
Ruby S Felt	N2XJ
Chapter 49	W5YVT & W4HAH
Chapter 77	N2KWF
Chapter 41	KL7DG & LIL MOFFATT
Chapter 75	W6FOB
Chapter 21	W8CSU
Chapter 63	W5DKC
Chapter 10	WB8EYM
Chapter 128 & W4BK	
Chapter 49	K4EZ, KB4MC, KV4N & W3IRZ
Jim Walsh	W5KL
Jan Hayter	W5KL
Ralph Hasslinger	W5KL
Chapter 63	W5KL
Chapter 19	W0DFT & W0KOC
Chapter 188	
Larry Trumble	
Chapter 91	W4HV
Chapter 202	W5KL
Chapter 41	W5KL
Arch Doty	W5KL
Franklin County Am Radio	W5KL
Chapter 55	W9WYG
John Huntoon	W5KL
Edward Yoder	W3CSU, W3HNO, W3IOH, W3KVS, KC3YE
Leland Smith, Jr	W5KL
Von C Campbell	CH 29 Silent Keys
John Willmuth	W3SWC

send check or money order payable to D.E. Logan to: DX Tips Book, 9901 Cypress Circle, Mentor, Ohio 44060. ###



Comedy on the HIGH SEAS Circa 1940/41

Ham KH6JF AARS/MARS ABM6JF QCWA WW2 VET
WD RADIO

I "W4FAG" was stationed at Station WUO in Ft Benning mid 1940 and was a CW operator working at stn WUO in the Infantry School bldg. My NCOIC asked me if I would like to go to sea as a CW RO for a six months tour of duty. I accepted with glee thinking wow what a deal! I got my stuff together and was told to go to Miami Fla to board the ship "Col George H. Penrose". Well since Miami was my home prior to enlisting with mom's permission at 17 I thought, "how good can it get". At the same moment unknown to me another guy Charlie Leighton W4GAT who was stationed at the WD radio stn at Macdill Field in Tampa, Fl was also getting the same assignment.

We met at "Merrill Stevens" shipyard where the Col Penrose was having a new radio shack installed up on the 2nd deck by a civilian electronics engineer. He told us to come back in a couple of weeks and everything would be set to go. Neither he nor the Signal Corps gave us any instructions what was expected of us.

We quickly learned how to tune the MARINE xmtr and RCVR which was of a strange brand we had not heard of before. So after 2 weeks of bar hopping Charlie (CL) and myself Joe (PU) were advised to board the ship ready to sail early the next morning.

Our radio shack was newly built and up on the aft end of the deck just forward of the main mast. Let me interrupt for a second here. The ship was the steam yacht FLORIDA that was donated to the Quartermaster Corps by Vanderbilt just six months before we boarded it. Beautiful looking yacht with oil turbines below deck and crew quarters forward, and MESS hall at midship. The crew was entirely civil service personnel including the master, 1st Mate, and Engineer. Charlie and I were the only GI's aboard.

We were then moved to a pier at Miami port and ready to sail. The mate brought an American flag and handed it to us with instructions that it would be our job to hoist the flag each time the ship left port. CL and I slept right in the radio shack in a double decker bunk type bed and we hit the hay early about 8pm. I was awakened about 3:30am by the throb of the engines below. I shook CL out of a deep sleep and handed him the flag and told him to get it up on the mast right away as could see we were underway already. He did and resumed his nap as did I. About 7AM the first Mate was pounding on our door and yelling obscenities that I won't repeat here, but what it boiled down to was this. CL in his haste had fastened only one end of the rope into the eyelet of the flag and hoisted it up upside down at 3:30am.

The Mate screamed at CL that he would be hoisted up on a bos'n chair and he would have to retrieve that flag which was never supposed to be raised until sunrise. CL got angry and said like hell he would go up there with the boat rolling about 30 degrees in the waves. CL also remarked that the mate never said anything about when to raise the flag except to raise it when the ship leaves port!!! Well later the Mate relented and an AB was hoisted up to retrieve the flag.

Our next booboo occurred when a couple of days later the Master asked us to get him a weather report. We said Ok but had no idea how to get one or from where on what frequency. Finally by tuning around we found a CG station at Key West, and asked them for a weather forecast. CL copied about 5 or 6 pages of 5 digit nr groups which meant absolutely nothing to us. We carried them up to the Masters quarters and handed him what we copied. He said "what is all that". We had no idea so told him we didn't know but that's what the Coast Guard gave us. He finally smiled and dug out a large book from a shelf behind him and had to decode the whole darned thing himself. A few days later, the Penrose was rolling so badly the Master had us send a msg to WAR advising them that he was going into "GITMO" bay in Cuba and would not resume the voyage until concrete ballast was poured into the keel. We sat at the quay for several days waiting.

One night a searchlight was pointed right in our face as we listened to the latest jive music from the Radio right behind us. It was very irritating to say the least in fact it was blinding us. Finally it started blinking and soon we realized it was blinking cw apparently at us. I told CL we better tell the Master about this as apparently they are trying to tell us something. The master pulled out a handkey in the deckhouse and handed it to us. We asked him what we supposed to do with this. He said go ahead and answer them. WE found when closing the key the lights up on the forward mast would blink when the key was closed. So we started telling the guy with the searchlight to "ga" "ga" over and over. I told CL to man the mill and I would read the stuff out loud to him as the light blinked with code. The guy at the searchlight started off with "TO COL PENROSE". I told CL and he started copying, but the searchlight just kept repeating the same thing about 5 times. Finally the opr at the search light politely informed us to send a long dash each time we got a word okay. After that we went through a long msg fairly rapidly and it was a msg from WAR authorizing the cement ballast to be poured into our keel to stabilize the Penrose. Once that was done we were on the next segment of our trip up through the Channel between Cuba and the Dominican republic.

(Stay tuned for follow-up Part2)

Rules for the 48th Annual QCWA QSO Parties

QCWA cordially invites all to participate in the 2004 QSO parties. All licenced Radio Amateurs world wide are invited.

Time/Dates: Two parties will be held in 2004 The first one shall commence on **03 Apr 2004 at 1800 Hrs UTC** and the second one shall commence on **18 Sep 2004 at 1800 Hrs UTC**. Each will run for a **period of 24 Hours**. Both CW and Phone modes may be used.

Frequencies: The following 15 Bands may be used:-

1.8: 1.800 - 2.000	14.0: 14.000 - 14.150	28.3: 28.3 - 29.7
3.5: 3.500 - 3.750	14.2: 14.150 - 14.350	50.0: 50.0 - 54.0
3.9: 3.750 - 4.000	21.0: 21.000 - 21.200	144: 144.0 - 148.0
7.0: 7.000 - 7.150	21.2: 21.200 - 21.450	220: 220.0 - 225.0
7.2: 7.150 - 7.300	28.0: 28.000 - 28.300	UHF above 420 Mhz

Any station may be contacted on any or all of the 15 bands for a maximum of 15 QSO's per station, with no more than one QSO per Band. Any station in your home QCWA chapter may be counted only once, for a maximum of one QSO per station. No contacts on WARC bands are permitted (10, 18 and 24 Mhz Bands). No Cross Band or Repeater Contacts are allowed.

Suggested Starting Frequencies:

CW:	1.810	3.540:	7.035:	14.040:	21.050:	28.050
Phone:	1.910:	3.890:	7.244:	14.262:	21.365:	28.325

Calling (CW or Phone): CQ QCWA

Information Exchange: Fill Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the station operator was first licenced. If the contacted station does **not** belong to a QCWA chapter, show only the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA members who are not affiliated with a local chapter. **Do Not mention the term "At Large" (AL) as was done several years ago, as this can be confused with AL for Alabama.** For Band info, simply indicate one of the above 15 Bands in the "band" column.

New for 2004: You may choose to work all modes this year or Only Phone or Only Digital (which includes CW). Certificates will be issued for each Category. See details in the Spring Journal in a separate article. .

Scoring: Each Phone QSO is worth **one contact point**. Each CW QSO or other Digital Mode QSO such as RTTY, PSK31, MFSK etc. is worth **2 contact points** (show 2 points in the QSO Points Column on the Log). A **Multiplier of one point** is given for each QCWA Chapter worked and for each State, Province or Country reported from stations not belonging to a QCWA Chapter. A total of **only one** multiplier point will be given for each State, Province or Country. A **Multiplier of 3 points** will be given on each of the 15 Bands for working our Special Events Station **W2MM**. It is hoped to have this station active throughout the two parties. Stations within 50 miles (80 Kms) of W2MM, may work W2MM only once for a total multiplier of 3 points. For the year 2004 we will be transmitting from the vicinity of Chapter 12 (Miami) as the 2004 location.

Sample logs and a summary sheet may be requested from QCWA Headquarters with an SASE.
Address is P.O. Box 3247, Framingham MA 01705-3247

Contacts with QCWA Memorial Station W2MM count as **three multipliers** on each of the 15 bands. **Note:** W2MM will be operated by one of our local chapters. Members of that chapter, and non chapter Members within 50 miles (80 kms) will be permitted to work W2MM only once for a total of 3 Multiplier points.

Awards:

Certificates will be issued for the top 3 World Scores in each category.

A certificate will also be issued for the top score in each category in each participating Country.

Summary Paragraph: In order to assist the log checker, please include, along with your logs, a Summary Paragraph as shown below.

QSO's	Contact Points
CW/Digital Contacts _____ x2	= _____
Phone Contacts _____ x1	= _____
Total Contact Points	= _____ (A)
Multipliers	= _____ (B)
Total Score = A x B	= _____

Send Logs to: W2OD, Robert G. Buus., 8 Donner Street, Holmdel NJ 07733 USA
or as an e-mail attachment to : w2od@aol.com

2004 QSO PARTY

Name		Call	Final Score
Address			
	Chapter #	QCWA Membership Number	Mode Entered: (Circle One) Mixed Phone Digital (includes CW)

[illegible]



The Rules Say...



John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

Here are the answers to your questions about the FCC rules for the amateur service. Most of these rules are codified in Part 97. See the document Title 47 — Telecommunications - Code of Federal Regulations Parts 80 to End. The 2002 edition can be downloaded from http://www.access.gpo.gov/nara/cfr/waisidx_02/47cfr97_02.html. Questions, call signs and incidents mentioned in this column are for explanatory purposes only. A W3BE-O-GRAM is an opinion of the author

Q. Can our repeater rebroadcast the NOAA Weather Radio Stations?

A. The answer is “yes,” assuming that your question misuses the word “rebroadcast” and that you really mean, “retransmit.” Section 97.113(e) specifically authorizes limited retransmissions of propagation and weather forecast information intended for use by the general public and originated from United States Government stations. Such amateur station retransmissions, however, must not be conducted on a regular basis, but only occasionally as an incident of normal amateur radio communications.

In your system, keep in mind that your repeater would be – under the authority of Section 97.111(b)(6) – making a one-way transmission necessary to disseminating an information bulletin. The definition of such a bulletin is stated in Section 97.3(a)(26). It is a message directed only to amateur operators consisting solely of subject matter of direct interest to the amateur service.

Section 97.113(b) says that an amateur station shall not engage in any form of broadcasting. To make it clear as to what that means, Section 97.3(a)(10) defines the term “broadcasting” as transmissions intended for reception by the general public, either direct or relayed.

W3BE-O-GRAM: *Your station would not be broadcasting to the general public. It would simply be transmitting occasionally one-way information bulletins to amateur operators necessary to providing them with the vital weather information they need to know in order to maintain and operate their station appropriately. That's our claim, anyway.*

Q. What is the NOAA Weather Radio?

A. The National Oceanic & Atmospheric Administration is part of the Department of Commerce. Its NWR

is a nationwide network of VHF radio stations broadcasting continuous weather information direct from a nearby National Weather Service Office. The broadcasts include forecasts, watches, warnings and other hazard information for all types of hazards both natural (such as earthquakes and volcano activity) and environmental (such as chemical releases or oil spills). See the website at www.nws.noaa.gov/nwr.

NWR includes more than 800 transmitters covering all 50 states, adjacent coastal waters, Puerto Rico, U.S. Virgin Islands and U.S. Pacific Trust Territories.

Q. Where are the NWR channels?

A. There are seven NWR channels: 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz and 162.559 MHz. Many of our VHF receivers can pick up the broadcasts directly.

Q. The Nation Weather Service broadcasts sometimes contain tones interspersed with the speaker's voice. Can these tones be retransmitted on our repeater?

A. Yes. Section 97.3(c)(5) says that incidental tones for the purpose of selective calling or alerting or to control the level of a demodulated signal may be considered a phone emission type.

Q. As the Emergency Manager for our local area, it's hard to distance emergency management from my amateur radio activities on the air. For example, during a storm watch, someone might call me to report a tornado or something. Am I on thin ice?

A. Thanks for a very interesting question. Your concern seems to be avoiding even the appearance of having a pecuniary interest in our amateur service. As long as you are not accepting compensa-

tion for serving as the control operator of an amateur station or using your station for transmitting messages for hire, there does not seem to be a conflict with the rules.

Q. I am a communications technician for an agency that generates and distributes electrical power throughout the state, and a member of our local radio club. Our daily company operations are carried out using a statewide trunked radio system interlinked by microwave and fiber optics.

We understand that ham radio cannot be used for business purposes, but in some emergency situations, such as a microwave dish being blown off-path during a hurricane, every trunked site from that point on will not work. If this should occur, can we use ham radio to exchange messages between operators in the field and our dispatch center until normal communications are restored?

A. Depending upon the severity of the situation, it may be justified for your amateur station to make such transmissions as may be necessary to meet essential communication needs and facilitate relief actions under the provisions of Section 97.401(a).

Q. So where is that line?

A. Section 401(a) says that situation is reached when normal communications systems are overloaded, damaged or disrupted because a disaster has occurred or is likely to occur.

W3BE-O-GRAM: *We rely upon the amateur operators on the scene to use their very best judgment to make that determination, keeping well in mind their obligations to our amateur service.*

As an amateur operator, be adamant that it continues to be in the public interest for small segments of the radio spectrum to be allocated specifically for duly authorized persons interested in radio technology solely with a personal aim and without pecuniary interest to carry out self-training, intercommunications and technical investigations. If this – our fundamental argument – ever fails, it could come about that there may not even be an amateur service to use for any purpose.

You should know that Section 97.113 says, in effect, that no station licensee should cause or

allow the station to be used for any communications unless "No" can be answered truthfully and completely to each and every one of the following questions:

1. Is this communication specifically prohibited in Part 97 of the FCC rules?
2. Is this communication for hire?
3. Is this communication for direct material compensation?
4. Is this communication for indirect material compensation?
5. Is this communication for paid material compensation?
6. Is this communication for promised material compensation?
7. Does the station licensee have a pecuniary interest in this communication?
8. Does the control operator have a pecuniary interest in this communication?
9. Is this communication on behalf of the station licensee's employer?
10. Is this communication on behalf of the control operator's employer?
11. Can this communication be reasonably furnished alternatively through another radio service?

Q. But our agency is a non-profit corporation, wholly owned by the State, selling power directly only to co-operatives. In an emergency such as hurricanes, therefore, shouldn't we be considered a public service because we are attempting to restore electrical power?

A. Possibly so, but those issues are beside the point as to whether use of the amateur service spectrum is appropriate. If there is no other back-up system available, let's hope that the amateur station licensees on hand can answer "No" to each and every question in the above test.

Q. Remote control capability for amateur repeaters represents a significant expense, either in terms of a telephone line or RF links. In the case of RF, more and more we find our linking frequency assignments becoming congested in areas of high amateur concentration. If there weren't a remote control requirement, it no doubt would be beneficial in terms

of frequency usage and coordination efforts. Isn't it time we looked into relaxing the control link requirement?

A. The term "control link" only applies when the station is being operated under the telecomm and command provisions in Section 97.213. It authorizes our amateur stations to be under telecommand only where there is a radio or wireline link between the control point and the station. There is no requirement, however, that a repeater system include such a control link.

You may find that automatic control provides the relief that you seek. Section 97.205(d) authorizes a repeater to be automatically controlled. Section 97.3(a)(6) says that automatic control is the use of devices and procedures so that compliance with the FCC rules is achieved without the control operator being present at a control point.

W3BE-O-GRAM: *Read, "It's got to work. Otherwise, don't do it."*

The issue is one of placing clearly the responsibility for violative transmissions from the station. Section 97.109(a) says that each amateur station, including repeaters, must have a control point. That is, according to Section 97.3(a)(14), the location at which the control operator function is performed. Section 97.7 says that each amateur station must have a control operator. Section 97.3(a)(13) says that the control operator is an amateur operator designated by the station licensee to be responsible for all transmissions from that station to assure compliance with the rules.

W3BE-O-GRAM: *Of all of our amateur service systems, repeaters appear to offer that one-percent of our amateur service community who seem to cause 99-percent of our problems one of their best opportunities to annoy the rest of us. It is only through the efforts of our control operators that they are kept in check. It seems that whenever we drop the ball, things go downhill fast.*

Q. One of our area hams believes the rules authorizes him to kerchunk our repeater for ten minutes without IDing. Most of us here think he is simply wrong. Who is right?

A. Section 97.111(b)(2) authorizes brief transmissions necessary to make adjustments to the station, but there is no specific rule that that limits or authorizes the number of merchants during a specific period.

W3BE-O-GRAM: *I'm with you. More than a couple kerchunks is beyond my sense of what good amateur practice and respect for our amateur service is all about.*

RULE MAKING

Here is a listing of some of the rule making proceedings in work that could affect the amateur service. You can use the FCC's Electronic Comment Filing System to research, retrieve, view and print any document in the system. Where the comment period is still open, you may also file your comments: RM-10313 Auxiliary operation; RM-10352 160 meters; RM-10353 Vanity call sign system; RM-10354 Control operator privileges; RM-10355 Permissible communications; RM-10412 Field repair; RM-10413 Operator classes; RM-10492 Permissible communications; RM-10521 70 cm communications; ET Docket 03-104 Broadband Over Power lines.

Additionally, there is a growing number of petitions calling for action in the wake of the demise of the international requirement for CW skill: RM-10781; RM-10782; RM-10783, RM-10784, RM-10785, RM-10786, RM-10787; RM-10805; RM-10806; RM-10807; RM-10808; RM-10809; RM-10810; RM-10811; RM-10867; RM-10868; RM-10869, RM-10870.

W3BE-O-GRAM: *Now is the time for you to become familiar with these issues in preparation for responding to a possible call for comments from the FCC. Discuss them with your ham friends and form your own opinions.*

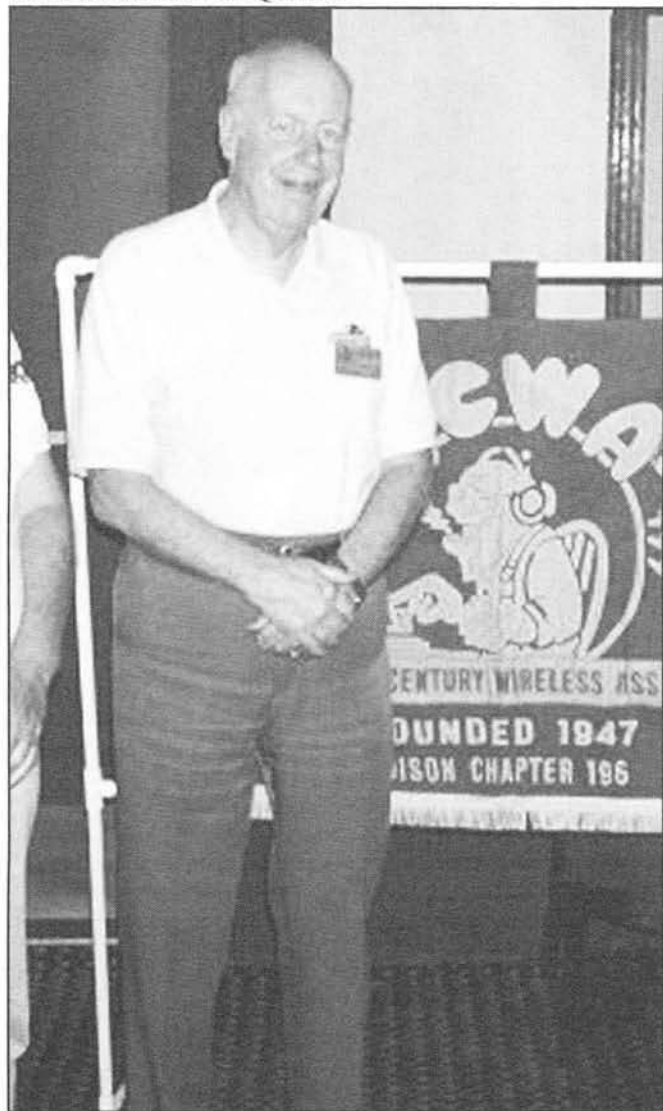
Additionally, at the Regulations.gov website, you can find, review and submit comments on Federal documents that are open for comment and published in the *Federal Register*. You may participate in Federal rulemaking – an essential part of our American democratic process. You can submit your comments about these regulations and have the Government take your views into account.

To find *Federal register* documents currently open for comment, use the GO buttons at the top of each page. Then, use the "Submit a comment on this regu-

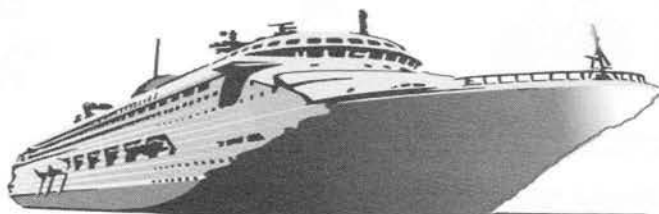
lation" link to express your opinion on a specific document.

APPRECIATION

Thanks to everyone who submitted questions and comments for this column. Our QCWA R&R Superham-of-the-Month is Croft Taylor, VE3CT (photo). Congratulations, Croft, on a doing great job as President of our QCWA



John B. Johnston, W3BE, can be reached by e-mail to john@johnston.net.



QCWA Alaska Cruise/DX-pedition Convention August 2005

Traditionally, the Quarter Century Wireless Association (QCWA) has held a yearly Fall Convention at major conference centers throughout the United States and Canada for as many years as I can remember. During the gathering in St. Louis for this event in September of 1999, I threw the group a curve ball, and proposed, during the open forum, that the convention for 2001 be on a cruise ship. Cruise talk seemed to dominate and was the main topic of conversations during the balance of that convention's social functions. In the Spring of 2000, that tradition changed when QCWA's board approved the event, which was an 8-day Caribbean cruise on Holland America's Westerdam that departed Fort Lauderdale on October 27, 2001. There were four HF stations in operation and an untold number of VHF and UHF handhelds sending RF in every direction. The 253 folks (20 percent of the onboard passengers) with our group had a wonderful time and most said they were ready of our next adventure.

That next multi-adventure is a DX-pedition to Alaska's Fox Island, IOTA NA-197, 2 to 4-days prior to a 7-day Inside Passage Glacier Bay cruise departing Seward in Resurrection Bay on Sunday, August 21, 2005. ICOM Radio as one of our sponsors will provide all the radios for the DX-pedition and on ship operations. The DX-pedition offers many unique options: staying on the island in tents for nighttime operation, traveling back and forth by board for daytime island radio operations, and enjoying other set excursions the local Alaskan area has to offer. Our WEB Site at www.qsltravels.org has all the DX-pedition information spelled out in minute detail.

The cruise will travel in the Alaskan inter-coastal waters from Seward, AK to Vancouver, B.C. Some of the exciting events on the cruise include working one of the six to eight ICOM HF stations that will in operation all during the cruise. Gordon West, WB6NOA, the maestro himself, will host a licensing class during the cruise, and we will host license testing the last full day at sea. We are working to firm up other onboard radio events. We plan on some special entertainment for this cruise only, and the opportunity to meet and mingle with active Hams from all over the world during this seven-day adventure is shaping up as a very attractive incentive to join our little excursion.

One other major benefit that friends operating on other than U.S. Dollars will enjoy is a very favorable exchange rate. With the Euro, Yen, British Pound, Australian Dollar and most other currencies at a historically high rate of exchange against the American Dollar, those booking this adventure in the next several months will realize an additional savings of near 50 percent.

Amateur radio operators their families and friends are welcome to join us on this great adventure!! See our WEB Site: www.qsltravels.org for the latest information. Or you can contact Larry, WA9JMO by email at wa9jmo@wi.net, telephone at 262-639-7327 or Dave, K9DQ at k9dq@qsltravels.org, for more details.

73, Larry McCalvy, WA9JMO



Doty and Minichiello, "Amateur Ambassadors"

by Arch Doty, W7ACD and Ray Minichiello, W1BC

Amateur Ambassadors

Throughout history the fate of nations and their peoples has rested on the diplomatic skills of their ambassadors. Wars have been started and ended, treaties forged and broken, emperors and dictators - from Caesar to Hitler - have risen and been deposed, all through successful or failed diplomacy.

Ambassadors have traditionally operated in a stilted and formal manner, and have represented their nations in an atmosphere that has not allowed direct input from individual members of their countries.

This pattern is now changing, thanks to the revolution in transportation and communications that has been occurring for the past few decades, and continues today.

These changes now allow amateur radio operators to serve as ambassadors for their country, either through their on-the-air contacts or by direct initiatives.

It has been said that forging good relations between countries is most successfully accomplished by actively undertaking many small initiatives, rather than doing nothing and hoping for a single diplomatic breakthrough.

Here is where amateur radio operators can make significant contributions in support of their country, and their hobby. Every QSO that you make with an amateur in another country gives you the opportunity to gain a new friend for yourself, and to make a good impression of our country. Thus, with each contact you can serve as an Amateur Ambassador for our country.

There are many other ambassadorial initiatives - in addition to international radio contacts - that amateurs can undertake. The following describes a modest effort made by the authors:

For many decades there has been an ongoing discussion as to who was "The Father of Radio". One group has championed Marconi, while another vehemently promoted the Russian, Popov. These discussions were pointless, as there was no one "Father" of radio. Many, including Maxwell, Hertz, Lodge, Popov and Marconi made invaluable contributions to the development of wireless communications, and each should be recognized for his particular area of activity, be it scientific, engineering, construction or publicity.



Marconi

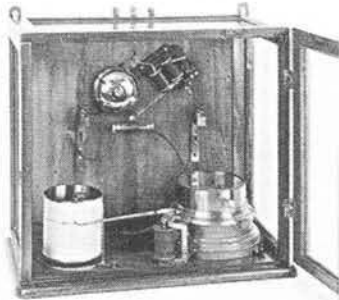


"Popov" Early in 2003 Ray Minichiello learned that the A. S. Popov Central Museum of Communications in St. Petersburg, Russia would reopen this October. This museum, a function of the Ministry of Communications (which issues Russian amateur radio licenses), has been closed for many years to allow very extensive renovations.



(Prince Bezborodko's palace) The museum is housed in a former palace built by Prince Bezborodko in 1799. The museum was founded in 1872 and nowadays holds more than 8,000,000 exhibits displaying mail and philately collections (the second largest in the world) and equipment that demonstrates the history of communications, including radio, television, telegraph and space. To put the importance of this museum into proper perspective: The famous Hermitage Museum in St. Petersburg houses 3,000,000 exhibits - less than half as many as the Popov! The Museum's extensive electronic exhibits - presented with state-of-the-art interactive computer terminals - range from early wireless devices to a modern communications satellite.

In his communications with the Popov Museum staff Ray



"This is the receiver that Professor Popov publicly demonstrated in 1895"



An actual Russian communications Satellite is displayed in the Popov Museum atrium

suggested that, as a gesture of international cooperation, the U.S. Marconi Foundation should present its "Marconi Pioneer Award" to the Popov Museum. The immediate hope was that this award would serve to heal the international rancor resulting from the "Father of Radio" dispute. The long term objective, however, was to foster friendly relations between our country and the Russian Federation, particularly in the electronic area.

As the result of the marvelous cooperation of Lyudmila Bakayutova, Director of the Popov Museum, and of the museum staff, Arch, with the greatly appreciated support of Ron Wasko, N8KX, presented the U. S. Marconi Foundation's Pioneer Award to the museum on August 6th 2003.

In presenting the award Arch noted that:

"Every day wireless electronic devices provide communications, data, and amusement to billions of people worldwide. Life

as we know it would be impossible without the science that was originally called "Radio".



Left to right: Ron Wasko, N8KX, Arch Doty, W7ACD, Vladimir Marchenkov, Chief Curator of Collections, A.S. Popov Museum" Dr. Nina Borisova, Vice Director, A.S. Popov Museum

What is intriguing is that the science now enjoyed by billions was developed, more than a century ago, by but a handful of pioneers.

Professor Alexander Popov was a member of that illustrious group. His 1895 public demonstration of his inventions opened the door to the beginning of the electronic revolution.

For his own sake it was unfortunate that Popov was so devoted to his teaching and scientific experiments that he did not seek the worldwide acclaim which he deserved for his accomplishments.

It was Marconi who stepped into the vacuum left by Popov's lack of interest in commercial application of his inventions. Marconi promptly applied his ingenuity to develop, and very actively publicize, commercial applications for radio devices.

In view of this background we believe that it is very appropriate for the Marconi Foundation to present the "Marconi Pioneer Award" to honor the accomplishments of Professor Popov."

The presentation to the Popov Museum demonstrates but one of the myriad of ways that American Amateurs can contribute to better understanding and friendly relations between our country and other nations and their people.

The Amateur Radio ranks in our country include thousands who travel extensively and have superb communications facilities. While you are traveling, or simply chatting on the air with an amateur overseas, why not use your unique abilities and opportunities to act as an Amateur Ambassador?

Never in its history has our country been in greater need of such help.

SIDEBAR: ABOUT THE AUTHORS

Arch Doty, W7ACD, is a director of the Marconi Foundation, and a DXCC member who has operated with reciprocal licenses from 26 countries. He served on a number of occasions as head of the U. S. State Department's delegation to meetings of a United Nations subcommittee in Geneva.

Ray Minichiello, W1BC, is the founder of The Guglielmo Marconi Foundation, U.S.A. and the Marconi Museum in Bedford, New Hampshire. Ray is also a Director of the Quarter Century Wireless Association.

CHUCK BAILEY, W7YU RECEIVES 75 YEAR SERVICE AWARD

On April 22 at a breakfast meeting of the West Valley Radio Club, QCWA Chapter 16 President, Ralph Barr, WØDNO presented Chuck Bailey, W7YU with his 75 year service award. Chuck was licensed in 1929 as W6BXL when he was 20 years old. At that time he lived in Pasadena, CA and his rig used a pair of 112A's. He modified his receiver into a super-heterodyne with plug in coils. His antenna was a 40 meter zep. Soon after getting his license Chuck went to Boston for a month and operated as a portable 1. He worked for North American Aviation at Edwards Air Force Base for 33 years. Chuck belongs to QCWA, West Valley Radio Club and the ARRL. He still keeps regular schedules with his old friends in Pasadena, W6PD and W6DRL as well as VR6TC and VR6YL in the Pitcairn Islands. Antenna is now a G5RV and a modern transceiver at his QTH in Glendale, AZ. He received his present call, W7YU in 1974.



On the left, Ralph Barr WØDNO and on the right Chuck Bailey W7YU

Member Supplies

Certificates

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

QCWA Gold Certificates celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

Gold Certificates are issued in five year increments; 55, 60, 65, 70 and 75 year certificates free of charge to eligible members.

Fifty Year Continuous Licensing Gold Certificate available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

QCWA Century Club Certificate is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

Meritorious Award Certificate is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

Operating Awards

QCWA Operating Award Certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA Worked 50 States Awards are issued to QCWA members who have contacted members in each state of the union.

QCWA Worked 100 Members Awards are issued to QCWA members who have contacted at least 100 QCWA members.

QCWA Worked 60 Chapters Awards are issued to QCWA members who have contacted members of 60 chapters.

QCWA Worked 500 Members Awards are issued to QCWA members who have contacted 500 QCWA members.

QCWA Lapel Pins

Without year tags, tie-tack, safety pin or screw type. Plain pins (no year) - \$10

With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 - \$15

QCWA Life Member pin - \$5

Other Member Supplies

QCWA Embroidered emblem - \$5

450 QCWA Red Stamps (regular) - \$3

450 QCWA Gold Stamps (life) - \$3

400 QCWA Yellow Stamps (50 Year) - \$3

QCWA Cap with logo - \$15

QCWA Chapter Banner - \$200

QCWA Decals - \$1

QCWA QSL cards - (see ad elsewhere)

Please send your order to QCWA Headquarters, P.O. Box 3247, Framingham MA 01705-3247

Phone (inquiries only, no orders): 508-405-1930, FAX: 508-405-1965

We accept orders charged to credit cards.



Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to Editor, Gerry Wentz, to arrive no later than the following dates: January 1, April 1, July 1 and October 1.

Chapter 1, Cleveland

Joseph Swartz N8IPC, was the featured speaker at our January 10th meeting at Dimitri's restaurant. An attorney with the law firm of Fallon Paisley & Howley, Swartz gave the 41 members and guests an overview of estate planning basics. The goal of a sound estate plan, he said, is to transfer assets as desired while minimizing estate taxes and the hassle of administering the estate. The basic tools of an estate plan relate to the two ways that property transfers at death: by will or by contract. Contracts include such items as joint and survivor accounts and deeds, life insurance policies, retirement plans and assets held in trust. Wills deal with assets that aren't disposed of by contract. Among the things that a will does: appoints an executor to handle estate administration, may appoint a Guardian to take care of the persons and estates of minors and gives the executor power to act without obtaining prior approval of the Probate Court. Other estate planning documents that are recommended include: Power of Attorney which allows someone else to transact business for you, Health Care Documents, including a Living Will and Durable Power of Attorney for Health Care. Among steps suggested by Swartz to review your estate plan are these: Review your will; review your net worth, and if it exceed \$1.5 million, consider some estate tax savings options; review the beneficiaries on your life insurance policies; pre-plan your funeral; and make lifetime gifts to children that may reduce estate taxes. Also during the meeting, members learned of the passing of Chuck Klaue W8KF, 83, a 70-year licensee and long time member of Chapter One. Volunteers are still needed at the VA Hospital Amateur Radio station according to President Dick Ingraham WA8TPP. A new VA station Web site is now running.

D.E. "Dee" Logan, W1HEO

Chapter 2, Chicago Area

President Jim Quinn K9JQ, opened the meeting at 6:30 PM.

There were 6 members and 5 guests in attendance.

During the wait for the meal, Jim Quinn welcomed the members, their guests and the non-members. Jim announced that the elections were held last meeting and all candidates were reelected.

Jim then asked for Secretary's report. Gil stated that at that point there were 8 members not yet paid dues for 2004, but unfortunately none were present so it was not

possible to collect at that point.

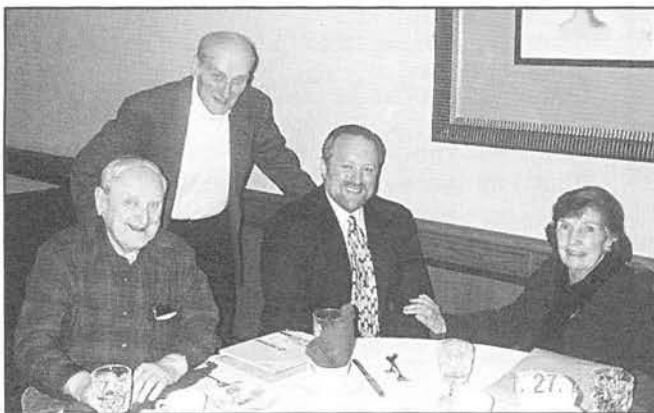
He also announced that he had received a note for Howard Francis W9NHM, from his son, Tom that our member Howard had passed away in August 2003. Tom had just been going thru his fathers mail and felt he should tell us since we obviously did not yet know of the decease of his father.

Mike Brost WA9FTS, says he's ready for his slide show for the next meeting in April. Mike did an extensive trip in Italy last fall and he plans on showing that.

Then Treasurer K9JQ reported that we were in the black. We ended up 2003 with a few dollars more than we started out with. We started in January 2003 with 1064.26 and ended with 1194.09. The financial report was given to the Newsletter editor for inclusion in the next newsletter.

Then dinner was served. The restaurant served its usual fine meal. Attendees had a choice of fish, chicken or beef. But it also includes salad (outstanding and all you can eat), soup, rolls, entrée, and desert.

The program after dinner was something most appropriate for our group: Financial Planning. Mr. Kurt Rusch, a planner with his own independent company, presented it. Mr. Rusch was described in last months QCC News.



Left to right Lee Knirko (W9MOL) who made the program arrangements. Jim Quinn (K9JQ) Chapter 2 President Kurt Rusch, the program speaker. Mary Lou Quinn, wife of Jim Quinn.

However, his program covered many points that we as seniors need to consider. He started by describing what Financial Planning really is. Then he went on to explain what these Senior Seminars we all get invited to are looking for. Then he moved on to discuss investments and some interesting things about different investments.

Then he moved on to Estate Planning and the important points. Also things being offered like Long Term Care and what to look out for in these. Also some ideas in allocating care and home insurance.

Finally he gave some ideas in Gifting and the different kinds that are available.

It was a most interesting program. There were many different ideas presented and everyone got some ideas from the different aspects. There was a long Q & A afterward.

Mr. Rusch is a very patient and knowledgeable speaker and was and is to be thanked for giving us the time.

The meeting closed at 9:30 PM.

Gil Kowols W9BUB - Secretary

Chapter 5, Delaware Valley NJ

The spring meeting of the Delaware Valley Chapter 5 is scheduled for April 3 at the Town & Country Restaurant. Since this is being written before the deadline of April 1st for getting into the bulletin, we are not able to give the results of the meeting. Our December meeting had to be canceled because of a snowstorm on the Friday before the meeting and then another snowstorm on the next day - Saturday - the day of the meeting. On Friday it was decided to cancel the meeting because of the hazardous driving conditions. The December meeting was to be our elections of officers meeting and this had to be put off until the April meeting since to reschedule would have caused a number of complications. The new slate of officers will be presented in the summer edition of the bulletin. Our speaker for the meeting will be the one that was scheduled for the December meeting - Trooper Joseph Heitz of the New Jersey State Police and he will give a short history of the New Jersey State Police and will speak on their radio communications. Another person who will be able to give more technical aspects of the radio system will assist him. Trooper Heitz has been a member of the State Police for 18 years and has served for 3 years in the NJ Marine Police. He is at present stationed at the Headquarters unit at Wilburtha, NJ, in Community Affairs.

Chapter 5 maintains a net on 3917 MHz at 9:45 am on Sunday and members and guests are invited to join in. Also Chapter 5 has a web page at <http://www.crompton.com/qcwa5> and more information about the Chapter is available there.

Don Field W2UAE - Secretary

Chapter 8, Upper Midwest (MN)

We regret the passing of our treasurer Doug Kohl W?TM, the officers and board members have done an excellent job for many years. A special thanks to two who are stepping down. They are Jim Stodolka W?TIV

and Mike Warren W?MAZ. The chapter has been meeting at the officers club at Fort Snelling for many years. Ragchews, lunch and informative meeting subjects the order of the day. The latest was by Andy Anderson W?HB on the subject of early reservation equipment and procedures for the airlines. We held a Christmas party in December at the old country buffet in Roseville, MN. Wives and daughters attending also with lots of presents. The meeting place is changing. The March meeting will be at the Perkins restaurant in the highland Park area in St. Paul, MN. Perkins is just off the corner of Cleveland and Ford parkway. Social hour at 1 PM followed by lunch at noon. Meeting at 1 PM.

The first day of Spring, March 20, 2004 Chapter 6 had their first meeting of the year at HOSS'S Steak and Sea House. Fifteen members spouses and friends attended the meeting. In the absence of our leader, the Secretary Ernie Baur W3UHP conducted the meeting. Our Treasurer, Ed Yoder, W3YMB gave the report on our finances. A motion was made and approved to donate the amount of \$125.00 to the QCWA Scholarship Fund in memory of the following members: George Montgomery W3KVS, Edward Gammeter W8CSU, Bill Lawrence W3HYQ, Leonard Marino W3IOH and Seth Ward KC3YE. We had a special presentation by Nate Firestone W3SVJ to George Kitazawa NS30, a certificate for 70 years in Ham Radio. George Kitazawa visited with another member, Erwin Lange, W3MWV who resides in Sharon, PA. Erwin is 90 years of age and is very active in ham radio. George presented Erwin his certificate of 70 years in ham radio; Erwin's military career was in the Navy, 37 years combining Naval Reserve and Navy duties. He retired from the Navy as chief warrant officer in radio communication. At present he is active in MARS. In his civilian life he was the owner of a pattern-making company producing patterns for foundries. Erwin is in great physical shape, walking two and half miles everyday. His daughter, Virginia WB3IVA, lives with Erwin. It was



Left to right) Nate Firestone W3SVJ and George Kitazawa NS30

Chapter Reports

great to see Jan Lawrence at our luncheon. We hope Jan will return at our next meeting

The first day of Spring, March 20, 2004 Chapter 6 had their first meeting of the year at HOSS'S Steak and Sea House. Fifteen members spouses and friends attended the meeting. In the absence of our leader, the Secretary Ernie Baur W3UHP conducted the meeting. Our Treasurer, Ed Yoder, W3YMB gave the report on our finances. A motion was made and approved to donate the amount of \$125.00 to the QCWA Scholarship Fund in memory of the following members:

George Montgomery W3KVS, Edward Gammeter W8CSU, Bill Lawrence W3HYQ, Leonard Marino W3IOH and Seth Ward KC3YE



Left to right) Nate Firestone W3SVJ and George Kitazawa NS30

We had a special presentation by Nate Firestone W3SVJ to George Kitazawa NS30, a certificate for 70 years in Ham Radio. George Kitazawa visited with another member, Erwin Lange, W3MWV who resides in Sharon, PA. Erwin is 90 years of age and is very active in ham radio. George presented Erwin his certificate of 70 years in ham radio, Erwin's military career was in the Navy, 37 years combining Naval Reserve and Navy duties. He retired from the Navy as chief warrant officer in radio communication. At present he is active in MARS. In his civilian life he was the owner of a pattern-making company producing patterns for foundries. Erwin is in great physical shape, walking two and half miles everyday. His daughter, Virginia WB3IVA, lives with Erwin. It was great to see Jan Lawrence at our luncheon. We hope Jan will return at our next meeting
Ernie Baur W3UHP - Secretary

Chapter 8, Upper Midwest (MN)

We regret the passing of our treasurer Doug Kohl W0TM, the officers and board members have done an excellent job for many years. A special thanks to two who are stepping down. They are Jim Stodolka W0TIV and Mike Warren W0MAZ. The chapter has been meeting at the officers club at Fort Snelling for many years. Ragchews, lunch and informative meeting subjects the order of the day. The latest was by Andy Anderson W0HB on the subject of early reservation equipment and procedures for the airlines. We held a Christmas party in December at the old country buffet in Roseville,

MN. Wives and daughters attending also with lots of presents. The meeting place is changing. The March meeting will be at the Perkins restaurant in the highland Park area in St. Paul, MN. Perkins is just off the corner of Cleveland and Ford parkway. Social hour at 1 PM followed by lunch at noon. Meeting at 1 PM.



(L to r) Board member Roy Nordos W0VSA, Mr. and Mrs. John Bravis W0EKS and Mr. and Mrs. John Olson KG0SF

Chapter 10, Michigan

After a good old-fashioned Michigan winter, members of Chapter 10 were happy to welcome our long awaited spring and summer weather. Sunny skies, green grass, new flowers, and outdoor activities are upon us once again.

We trust that everyone enjoyed the holidays of Easter, Memorial Day, and Independence Day and will have a safe and happy upcoming Labor Day weekend.

It is with deepest regret that we must report the passing of Donald Holloway WB8EYM, of Kalkaska, MI, who became silent key on January 14, 2004. Don will be sadly missed by all. He is survived by his Wife, Luewellon, of Kalkaska, MI., and Son, Wallace Holloway, of Lansing, MI. A donation has been made to the QCWA Memorial Scholarship Fund in Don's memory. We extend our sincere sympathies to his family.

Chapter 10 celebrated its' 45 anniversary on April 13, 2004. We have a total active membership of 79 members and continue to enjoy many enjoyable times together. Founded on April 13, 1959, chapter 10 is one of the oldest and most active QCWA chapters in the State of Michigan. Let us all take time to reflect on the foresight of our "founding fathers" and the contributions of all of our past and present members that has made QCWA and chapter 10 an outstanding organization devoted to the advancement of amateur radio and to the good and welfare of all. Happy birthday chapter 10!

Our annual business meeting and luncheon was held on May 01, 2004, at the Waterfront Restaurant in Cadillac, Michigan. The election of chapter officers was followed by a wonderful buffet luncheon. Details of the election, along with pictures, will appear in the next edition of the Journal.

We are honored to announce the following new members: Jim Hamilton, WA8KDP, of Maple Rapids, MI., and Robert F. Hansen, K8RWD of Cadillac, MI. We extend a sincere welcome to these new members and their families, and look forward to many years of good fellowship.

As the transition of the office of General Manager of QCWA continues, we would like to extend our sincere thanks to outgoing General Manager, Jim Walsh, W7LVN, for all of his many years of devoted service to QCWA and to the overall advancement of amateur radio. We wish you well, Jim, in your retirement years. We also extend our sincere best wishes to incoming General Manager, Chuck Walbridge, K1IGD, and look forward to working with him in the years to come.

Our annual summer picnic will be held on August 18, 2004, at 12:00 noon, at the Kenwood Park, in Cadillac, MI., commencing with a short business meeting, followed by our picnic lunch, and visiting with fellow members and families. We encourage everyone to attend and be sure to bring family members as well. We remind you that you should bring your own table service, drinks, (no alcoholic beverages allowed by city ordinances), and a passing dish. Be sure to bring your cameras and any old pictures of past chapter members and events so that they can be shared by all. Our chapter history book will be on display as well. Details of the picnic will be announced on our weekly chapter ssb net. For those that cannot join us on the net, you may obtain details by contacting any of our chapter officers.

The Michigan Chapter 10, 2004 QCWA Meritorious Service Award was presented to Dale Cryderman N8EIZ, of Spring Arbor, MI. by Mike Hall WB8ICN. This most prestigious award was presented to Dale for his many years of devoted service to our chapter, having served in the capacity of a net control station, as well as being very active in all chapter activities. Dale, who is a retired minister, is affectionately known as our "chapter Chaplin", and continues to guide us with his kind words of wisdom and comfort throughout the year. Special recognition is also given to his wonderful wife, Dorothy, who has always been so supportive of Dale's chapter activities. Congratulations Dale and Dorothy and thank you for a job well done.

Due to an error, please view photographs on page 44.

Various QCWA service awards will be presented to many of our members in the near future and details, with pictures, will appear in the next issue of the Journal.

Any qualified amateur wishing to join QCWA and/or make chapter 10 their "home chapter" may do so by contacting our Secretary, Jim Bishop, W8JFB, via email at: slojim@lighthouse.net, regular mail at: 332 Pte. LaBarbe Rd., St. Ignace, MI., 49781-9657.

We cordially invite all members and non members alike, to join us on our weekly chapter 10 net, which is held every Sunday morning, commencing with a pre net at 7:30 AM, EDT, and the regular net, commencing at 8:00 AM, EDT, on 3.903 Mhz.

Have a safe and happy summer, drive carefully, and we look forward to hearing you on our net and seeing you at our upcoming activities.

James F. Bishop W8JFB -Secretary/Treasurer

Chapter 19, Missouri

Missouri Chapter 19 meets for lunch on the second Saturday of each month at Tsevis Bar and Grill. If in the area, drop in and we'll buy lunch. Now there's an offer you can't refuse.

Manning a table at a recent hamfest netted 3 new members. Chapter 19 has been very successful in recruiting new members by having a table at each local hamfest. Members work the table in shifts so that everyone has an opportunity to search the flea market for bargains. Having a table also provides a common focal point for current members to meet during the hamfest.

Two of our members are hold key assignments in the effort to develop, build and install a six-meter high-speed packet backbone throughout the state of Missouri. Input uses standard two-meter equipment. Our chapter Vice Chairman, Roger, KØGOB, is the Project Manager for the MEPN (Missouri Emergency Packet Network) project and George, WBØIIS, is the Technical Director. We were fortunate to have them set up a full-blown system demo for a program at a recent luncheon.

Our Chairman, Scotty W9VHL, remains the lead NCS for the Wednesday evening net at 7:00 PM local on the 147.150 MHz repeater. All members, non-members and visiting hams are welcome to check into this informative net.

John Germanos WB9PNU - Secretary/Treasurer

Chapter 20, Baltimore, MD

Our Secretary-Treasurer Russ Smith, K3APM, has recovered very nicely from recent surgery. Vice-President John B. Johnston W3BE, assumed the Presidency following the untimely passing of Bob Bennett, ex-W3WCQ. Join us any Monday Noon for lunch at Cactus Willies Steak Buffet and Bakery, 7315 Ritchie Highway, Glen Burnie, MD. It is directly across from Empire Towers.

Chapter 21, Canton, Ohio

The regular quarterly meeting of Chapter 21, Canton, Ohio, was held on February 21, 2004, at Old Country Buffet, Canton, Ohio. There were 33 members and guests present.

Introductions were made including new members, Rodger Trompower KA8FTS, Lee Covert KA8FTM, Ron Hendershot KA8FTP, Jack Bennett W8WEN, Andy Hogue W8DIR, and a visitor, Wally Pealy K8WLP.

QCWA gold certificates were awarded as follows: Meritorious Award, David W. Polen W8FRB; 70 years, Myrhl Lemley W8MND; 55 Years, Mae Rauvola W8EKL; 50 Years (2), David Glass W8UKQ; 50 Years (2) and Century Club, E. Keith Chambers W8VAN; Century Club, Philip A. Gizzi W8IIV; and Century Club, Andrew R. Hogue W8DIR.

President Perry Ballinger W8AU showed an interesting video/PowerPoint presentation about his volunteer service aboard the LST 325 last July. He was the radio officer during its river cruise from St. Louis, MO to Jeffersonville, IN.

Chapter Reports

Our editor and web master, Joseph Vignos W1FEZ, was featured in an article in The Repository, Canton, Ohio, about amateur radio. Our newsletter was on his desk, and our web site was up on his computer. Other hams featured in the article told of their involvement in amateur radio in equipment construction, DX-ing, emergency communications, and becoming licensed while in high school.



OM Ray Rauvola (R) accepts the 55 years certificate for XYL Mae Rauvola W8EKL who was hospitalized. David Glass W8UKQ (L). Digital photo by Ed Clinger WA8DRT.



Award recipients: (L - R) Philip Gizzi W8IIV, Century Club; David Glass W8UKQ, 50 years; Meritorious Award, David Polen W8FRB; all presented by Perry Ballinger W8AU, president. Digital photo by Ed Clinger WA8DRT.



Century Club presented to Andrew Hogue W8DIR (C), by Perry Ballinger W8AU, (L), and David Glass W8UKQ, (R). Digital photo by Ed Clinger WA8DRT..



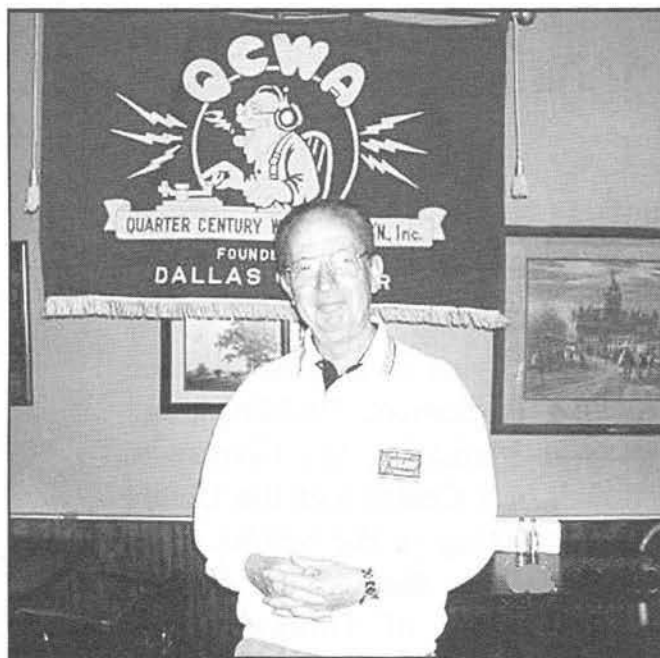
Myrhl Lemley W8MND (C) accepts the 70 years gold certificate presented by Perry Ballinger W8AU (R) and David Glass W8UKQ (L). Digital photo by Ed Clinger WA8DRT.

Our member, Edward C. Gammeter W8CSU, became a Silent Key on January 7, 2004, in Cadiz, Ohio. He was a founder of the Harrison (Co.) ARC, a past president of QCWA, Chapter 6, of Pittsburgh, Pennsylvania, and a 25 years member of Chapter 21. He received the 55 years anniversary certificate in 2003. We offer our condolences to his family.

David L. Glass

Chapter 41, Dallas TX

Chapter 41 meetings are held at the Midway Point located in the southwest quadrant of LBJ Freeway and Midway Road in Dallas, Texas on the first Saturday of every month. Visitors are welcome. Come for Lunch at 11:30 AM. The meeting starts at 12:30 PM. The Officers of the chapter are: President N1CC James LaPorta; Vice President W1PE Bob Peters; and Secretary/Treasurer W5JNK Bert Wells. The Directors are: W5LCM Charles Dobkins; W5TQC James Rhodes; K5ZYZ Steve Brodie; and W5APN Robert Turner. Chapter 41 joins all others in extending its gratitude and appreciation to Jim Walsh W7LVN for his years of skillful direction as General



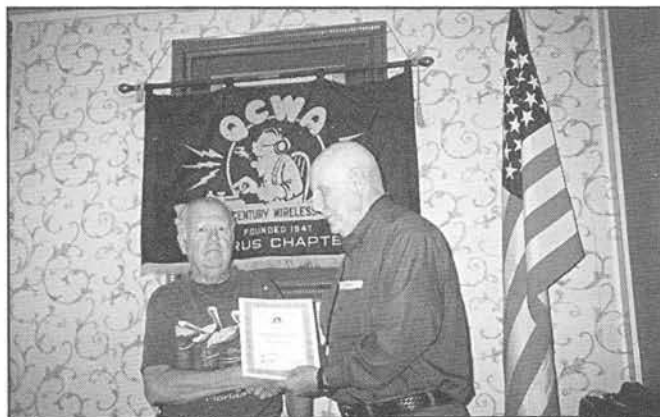
ARRL president and Chapter 41 member Jim Haynie W5JBP, addressed a recent luncheon meeting of the chapter and discussed a number of topics of interest to the amateur radio community.

Manager of The Quarter Century Wireless Association and extends its sincere best wishes to him and his family in his retirement and convalescence.

Bob Olney N5NT - Recording Secretary

Chapter 45, Citrus (FL)

At the Orlando HamCation in February the Chapter 45 booth was a very active location. The booth was in a very high profile location this year adjacent to the ARRL booth and just across the aisle from the door-prize drawing facility. The Chapter has already signed up and paid for the same location next year. During the two days 12 applications for new membership in QCWA was processed and sent to National HQ. The Chapter added 6 new members to our roster. The HamCation is growing



Presentation of 50th Anniversary Award to Donald Devine KC1RX by John Johnston W3BE, V-P QCWA. March 17, 2004.

each year and choice booth locations are selling out early. Chapter 45 was proud to be able to present the following certificates to our members: a 60th Anniversary Award was presented to Harry Albright, W4ZCT, 50th Anniversary Awards were presented to Donald Devine KC1RX, Jack Clark W9HJM, John Figgles W3YHL. A Century Club Certificate was presented to Gerald Skinner K4LVZ. John Johnston W3BE, Vice-President of QCWA, visiting Chapter 45 at the March 17th meeting, accompanied by his XYL Betty N3PKX, presented the certificates to KC1RX and W3YHL,



Presentation of 50th Anniversary Award to Jack Clark W9HJM by Al LaPeter W2AS, President of Chapter 45.



John Johnston W3BE, Vice-President of QCWA (r) presents Century Club Certificate to Gerald Skinner K4LVZ.

Chapter 48, Treasure Coast (FL)

On February 7, 2004 the annual meeting of Chapter 48 was held at Hodges Restaurant in Vero Beach FL. 16 members and guests had a great time and a good meal. Our waitress of over 20 years, Doris, was celebrating her birthday and we surprised her with a cake. Happy 39th Doris (Yeah Right).

QCWA 2004 INTERNATIONAL CONVENTION

Hosted by National Capital Chapter 70

OTTAWA, CANADA - OCTOBER 15-16-17

Our convention this year takes place in the Lord Elgin Hotel - a newly renovated hotel located in downtown Ottawa. This is a great location situated just steps away from the Canadian Parliament Buildings and within walking distance of the National War Memorial, the Centennial Flame, the Rideau Canal Locks, the National Arts Centre and the United States Embassy. Shoppers have a choice of walking to the Sparks street shopping mall, the Rideau Centre enclosed mall, or the Byward farmers market. The Byward Market is also the centre of Ottawa's night entertainment district, with restaurants, nightclubs, bistros etc. A block of rooms has been reserved for QCWA guests. Just phone 613-235-3333 and make your reservation.

**Our QCWA Convention rate is
\$128.00 Canadian funds (\$98.94 US Funds in December-2003).**

We will be following a format similar to our 1996 convention. Our executive and directors arrive on Wednesday for an all day board meeting. Thursday our hospitality suite will be open for early convention arrivals, with talk in on the local 146.34/94 repeater. Registration opens early Friday, with amateur radio sessions taking place during the day Friday and Saturday. A bus tour of the city is also scheduled for Friday along with a Friday evening "meet and greet". Saturday morning has a scheduled breakfast and our Annual Banquet takes place Saturday evening. (This year we have a choice of Salmon, Chicken or Beef -be sure you indicate on the registration form). For those who can stay Sunday it's sleep-in until our QCWA Brunch, and then we're off by bus to the Steam Train terminal for a 4 1/2 hour trip up the Gatineau River valley to see the fall foliage. In '96 we had enough participants to have our own railroad car. So lets try for 2004! If you decide to stay on there are many Museums, Parks and Historical sites to visit in Canada's Capital.

For Info.....www.qcwa.org/2004convention.htm George Roach 613-234-0885

COME ONE - COME ALL!

Advance Registration

2004 QCWA

National Convention

Ottawa Canada

15-16-17 October 2004

Hosted by:

National Capital Chapter No. 70

at the Lord Elgin Hotel, 100 Elgin Street, Ottawa

Ontario, Canada, K1P 5K8



(A block of rooms has been reserved at \$128 Canadian, single or double. Taxes/parking are extra with the parking including in & out privileges. Contact the Hotel at 613-235-3333 /fax 613-235-3223 before September 15, mentioning QCWA Convention to ensure the special rate).

Name _____ Call _____ QCWA#(if any) _____
Spouse/Guest _____ Call (if any) _____
Mailing Address _____
City/Town _____ Prov./State _____ Code/Zip _____
Telephone () _____ E-Mail _____

(For your convenience the following rates have been shown in both Canadian & US funds rounded to the nearest convenient amount. Please remit using whichever currency you wish)

Registration	No. Req'd	Cdn Funds	US Funds
Amateur Registrant	_____	@ \$20.00	@ \$17.00
Spouse/Guest	_____	@ \$ 5.00	@ \$ 4.00
(NOTE: You must pre-register to attend functions listed below)			
Saturday Buffet Breakfast (incl. tax & grat)	_____	@ \$15.00	@ \$12.45
Saturday Banquet (Supreme of Chicken)	_____	@ \$42.00	@ \$35.85
(incl. tax & grat.) (Atlantic Salmon Fillet)	_____	@ \$42.00	@ \$35.85
(Beef Medallions)	_____	@ \$42.00	@ \$35.85
Sunday Brunch (incl. tax & grat)	_____	@ \$25.00	@ \$20.75
Friday Bus Tour of the City - 1 1/2 hr.	_____	@ \$15.00	@ \$12.45
Sunday Steam Train Foliage tour	_____	@ \$53.00	@ \$45.00
(incl. bus from Hotel to terminal & return)	_____		
TOTAL (CDN)	_____	(US)	_____

Queries may be made via Internet at ve3njh@rac.ca or telephone 613-727-2769. Advance registration must be received by September 31, 2004. Make check or m.o. payable to: 'QCWA Chapter 70/2004 Convention' and mail to: Donald Heaslip, 1281 Erindale Drive, Ottawa, ON Canada K2C 2G3. For updates go to ' www.qcwa.org/2004convention.htm

Chapter Reports



Members and guests of the Chapter 48 Treasure Coast Chapter.

Election of officers was held and the incumbent slate was reelected. President, Joyce K4EER, Vice President Bud K4BHW, and Sec/Treas, Woody K4EBK. Unfortunately, Bud became a silent key the following day, Bud will be missed by all. Our sympathies to his XYL Bobbie and the family.

New business was discussed and tentative plans were made for this year. A new member was present, Stoney KI4DMS. Welcome aboard.

Informal meetings every Thursday at Hodges Restaurant, south US 1, Vero Beach, everyone is WELCOME. **Woody Anderson K4EBK.**

Chapter 49, Atlanta GA

Chapter 49 proudly hosted National President Croft Taylor VE3CT and his wife Elizabeth at our April 3rd Chapter meeting. Croft and Elizabeth were on their way home from the winter season in Florida and managed to schedule the trip to visit with us. They were welcomed by twenty-seven in attendance; Chapter 49 members, spouses and visiting hams. Chapter Program Chairman Sandy Donahue W4RU had asked Croft to speak at the meeting on the status of QCWA National and the roles of several key members. We were updated on the recent changes in National operations and the future of QCWA. We thank Croft for his visit to our Chapter and hope he will be able to visit again sometime.



Croft with Chapter 49 Officers and Directors (l-r): Jerry W3CDE 49VP, Croft VE3CT, Mike K4HBI 49Pres., 49 Directors Frankie W4BJT and Sandy W4RU.



Croft Taylor VE3CT and Sandy Donahue W4RU at the Chapter 49 Luncheon.

We were pleased to have some new members in attendance at this meeting including John Elicker N4FAI, John Benka KF6JG and Bill Wilson KJ4EX. We also hope to gain a couple of new members from among our visitors. The many door prizes from the book collection of SK K4VN were drawn for and taken home by all in attendance.

Bob Lear K4SZ - Sec/Treas

Chapter 53, Suncoast (FL)

The 30 members and guests at our 07 January 2004 meeting welcomed QCWA President Croft Taylor-VE3CT back into our fold, following his much-delayed departure from Canada. Croft offered some brief comments, particularly dealing with the replacement of General Manager Jim Walsh-W7LVN, who had resigned for health reasons.

For our program, Chapter Director Bob Avrutik-N1RA gave a very interesting slide presentation on how he operated HF Ham radio from aboard a cruise liner in European waters last July. Bob discussed his extensive efforts in license procurement, obtaining permission from the cruise line and the ship's captain, preparation and installation of equipment, and his actual operating experiences.

In addition to Chapter 53 members QCWA Croft Taylor-VE3CT and National Director Art Kunst-W3WM, the 31 Chapter members and guests at our 04 February meeting were honored to greet QCWA Vice President John Johnston-W3BE, National Director Ed Yoder-W3YMB, former National Director John Edel-K8LBZ, and Pelican Chapter President Bill Bell-K4AVH. All national officers present offered personal comments regarding both QCWA and our Chapter.

Recognition was given to Chapter President Emeritus Frank Lester-W4AMJ and to Bob Modrcin-W0LEY for their generous donations of ham radio and electronic items, and to Chapter Director Jack Parsons-K3OTY and his wife, Ann, for their continued efforts in selling these items at regional hamfests and giving all monies received to our Chapter.

Clyde Mings-AC4EY offered a very enjoyable, informative, and often amusing program covering his career as a radio/electronics operator/specialist-from B-17s to jets-in the US Air Force, and his related ham ra-

dio activities from several locations around the world.

The 27 members and visitors attending our 03 March meeting were delighted to see Elizabeth, XYL of QCWA President Croft Taylor-VE3CT, back with us, having overcome the effects of a broken jaw, suffered soon after their arrival in Florida.

Hans Napfel-WB2ZZB always puts on a great program, and he didn't let us down this time. In July 2003, Hans and his wife flew to Vancouver, BC, Canada, where they took a cruise ship to Seward, Alaska, with intermediate stops at Ketchikan and Juneau. Next was a bus trip from Seward to Anchorage, where they boarded a train for the remaining trip to Denali National Park, ending up in Fairbanks. Their agenda was quite similar to that planned for the 2005 QCWA Alaskan Cruise.

Suncoast Chapter 53 has a luncheon meeting the first Wednesday of every month-October through May-11:30 AM at Denny's, 3701 Bee Ridge Road, Sarasota, FL. All QCWA members living in, or visiting, the Florida Suncoast area are always welcome.

Jack Sproat W4JS - President

Chapter 55, Wisconsin

Our Chapter 55 Fall meeting was held at noon on Saturday, October 4, 2003 at the Moose Hall in Watertown with twenty three in attendance. Our Chairman, Verne Teske, W9RYA, welcomed those in attendance and introduced two new Chapter 55 members. They are Beryl Pedersen, KA9BAC and her son, Gary, KA9BAE. Both have extra class licenses and are active in the Rock River Radio Club. Gary has been active as the Club Historian for many years and, in turn, accepted the nomination as being Historian for Chapter 55. Thanks Gary

Verne introduced Larry McCalvy, WA9JMO, who presented a program dealing with amateur radio operator involvement in community affairs, events and assistance with communications during emergencies. Larry gave several examples of such involvement he has experienced with the Racine Chapter 162. Assisting Larry, Bob Jensen, W0WLN, also from Chapter 162, gave a snapshot presentation of their group's communication support with an inter-state cooperative effort known at the southern Wisconsin and Northern Illinois (SWANI), a Public Service Group intended for all amateur radio operators interested in public service communications.

The business meeting followed and voted for, Board of Directors Approval by a majority vote of members present, the establishment of a Chapter 55 Auxiliary group of licensed amateurs interested in joining the Chapter 55 group but with insufficient time (25 years) since date of first license to join the National QCWA. They would be encouraged to join our group, pay local dues, attend meeting/dinners, participate in Ch. 55 activities but not enjoy voting privileges until they satisfy the 25-year requirement and join the National QCWA when eligible. Voted for Board of Directors approval by majority vote of those present to continue with those presently holding the offices of Chairman, Treasurer and Secretary and the election of Duane Haas, W9BCV to

the Board of Directors and Net Manager.

Treasurer, WA9RDI, presented the treasury status and updated paid membership report. Secretary, Ron Yokes, W9BCK, reported membership to be 56 members. Members two years in arrears will be dropped from membership. Dues of

6.00 must be paid by December 31, 2003 to remain on the rolls.

Chairman, Verne, W9RYA, announced that there will be a meeting of the entire Board of Directors on October 18 at the Machine Shed in Milwaukee to consummate the election of officers for the year 2004 and any other unfinished business. Meeting adjourned at 3:20 PM

Duane Haas W9BCV - Reporter

Chapter 63, Central Oklahoma

Things are looking up so far this year for our Chapter. In January we had our First Quarterly Meeting at the Hometown Buffet in Oklahoma City, Ok. We had 25 members and guests at this meeting, where everyone enjoyed a good lunch and program.

During the business meeting, we elected officers and one director. Jim Speck W5AI, was elected as President. Bill Williams, was elected as Vice-president. Rodney Steward K5IBF was elected as a Director. The join the rest of the Directors, who are: Gene Hawkins KA5CNT, Bill Hoag K5URM and Scott Foster K5PBJ. Net Manger/Historian Gene Nailon K5DLE, Bulletin Station, Jimmy Johnson and Secretary/Treasurer Norman M. Wilson W5FLO. This gives us a full slate of Officers for our Chapter.

George Clark W5JKK, our out going Vice-president gave a very good presentation of the Smith Chart on Impedance Matching for Antennas. George brought up some very interesting points on this subject.

The main door prize was won by Marvin, KC9VF of Elk City, OK. This was a Meter donated by Jerry Kincade W5KP our out going President..

We have had four new members and on re-join member for a total of five new members for the year. This gives us 132 members, which gives us members in OK, TX, NM, ND, KY, AR, and MO. We have a Net on Sunday Morning at 0800 on 3855KHz on LSB. The early check in start at about 0630, so join us if you hear us on.

Now for a little sad new. Leland Smith, W5KL who had been a member of our chapter for many years became a Silent Key on February 17, 2004. I don'tt know what his home Chapter was, but Leland will be missed in our chapter and by many Amateurs and friend the world around.

Norman M Wilson W5FLO - Secretary/Treasuer

Chapter 64, El Paso, Texas

The first quarter of year 2004 is one of transition for this Chapter. Jean M. Carlson, K7ZRD, announced last year, she would no longer be able to serve as Chapter President. This is a position she served in for eight years. Jean will be moving to Grand Rapids, Michigan to live near one of her sons and grandchildren.

As a result of the recent Annual Chapter elections, the new Chapter President is CW Hiatt, N5HRD. Elected

Chapter Reports



Past Chapter President Jean M. Carlson, K7ZRD was presented with the National QCWA Meritorious Award. This was in recognition for her untiring and devoted efforts as Chapter President for a period of eight years.



Jean was also awarded a Chapter 64 Life Membership and a Gold Rose of Texas. Presentations were made by Chapter Secretary Manny Gonzalez, W2BFI.

to the office of Chapter Directors is Robert J. Carroll, K5IE and Lee Polk, K5MZT. All newly elected officers will serve for a period of two years. The installation of new officers was during the Chapter's Annual meeting 13 December 2003. President Hiett appointed Bob Rogers, K5HRI, to serve in the vacant position of Chapter Vice President. Officers with one year remaining in their positions as Directors are Earl Wood, WA5YRP, and Bob Smith, K5VRF.

Manny Gonzalez W2BFI - Secretary

Chapter 65, Niagara Frontier (Western NY)

The Chapter 65 summer picnic is scheduled for Saturday, July 24th, at 12 Noon at the beautiful "Seven Pines" QTH of Dan (and Rita) Clark, N2DC. In case of rain, the alternate day is Sunday, July 25th, same time. Talk-in on 147.43 MHz simplex or the 146.91 MHz Buffalo repeater. The picnic site is up the hill at 692 Olean

Road (Rt. 16) just south of East Aurora, NY. Bring a dish to pass and lawn chair if possible. Hot dogs and beverage are provided by the club. There will also be a Chapter Board of Directors meeting at the picnic.

We regret to record the passing of another Western New York radio pioneer who was a long time member of our Chapter Board of Directors. Norm James W2VEX, joined Silent Keys on March 11, 2004. Norm represented the Chapter in the October '03 QCWA QSO Party with over a thousand points. Further details in the "Silent Keys" section of our website at: www.Lockport-NY.com/QCWA

For those vacationing this summer at Niagara Falls remember our invitation to join us at our monthly luncheon meetings. The second Saturday of every month, 12Noon, at the Flying Tigers Restaurant on the north side of the Buffalo-Niagara International Airport. Check our website for further details and directions.

Bob Rooney W2AET - Secretary

Chapter 67, Austin, Texas

The Austin area chapter has been meeting for lunch on the third Saturday of each month. Current President is Milt Cram W8NUE, Vice President is Bil Henson WB5SYS, Treasurer is Roger Wines W5WIA, and Secretary is Keith Zimmermann K5WX.

Our January meeting was a great start to 2004. Our speaker was Mr. Jimmie Jackson, KE6GXO. Jimmie recently relocated to Burnet, Texas just north of Austin. Jimmie's fascinating presentation covered his colorful life from the early hard days as an abandoned child, through the Korean War years as a Prisoner of War, and then through a number of careers including Hollywood movies, fast-draw gun-shooting with Sammy Davis, Jr., radio-controlled airplanes, amateur radio, and aircraft racing. It was an inspiring talk.

This year, Chapter 67 will be celebrating its 30th anniversary. We are planning some nice celebrations during the year. It was in 1974 that a group of local amateur radio operators who had been licensed at least 25 years formed Chapter 67. J.E. Teykl, W5SD, (also known as "Nemo"), wrote to the National headquarters



Jimmie Jackson, KE6GXO (center) discusses his careers with Smokey Wiley, K5RDJ (right) following the January 2004 meeting.

of QCWA on December 15, 1973 petitioning for a "Decree of official sanction and a charter, granting chapter status in accordance with provisions set up in the Constitution and By-laws of the Quarter Century Wireless Association."

The "original signers" listed on the bottom of that letter were:

Gene Mallard, Sr. W5OMP Julius Donnell, Jr. K5YQG Eugene Bartholomew W5GQ J.D. Yance W5DCS Amos Peters, Jr. W5LHX J. Earl Debord W5PPQ J.E. Teykl W5SD W.A. Swearingen W5UJ James E. Hodge W5AEQ William E. Peterson W5OY

The President of the Quarter Century Wireless Association, Mr. Frank A. Gunther, W2ALS signed the chapter for the "Austin Texas Chapter of the Quarter Century Wireless Association, Inc." on May 15, 1974.

The first party celebrating our anniversary will be held at Hal and Lois Henegar's home on May 15th exactly 30 years after our charter was granted. Hal, W5MDL has held every office there is within QCWA Chapter 67.

Chapter 67 has continued to provide on-the-air code practice sessions every Wednesday night at 8 pm on the 146.78 repeater. K5WX continues to provide the practice sessions with WB5SYS getting ready to take over during the next quarter.

Keith Zimmermann K5WX - Secretary

Chapter 70, National Capital (Ottawa ONT)

At the first Chapter 70 meeting of 2004, Gerry King VE3GK, our president welcomed twenty members and one guest for dinner and fellowship at the Carlingwood Family Restaurant. He reminded us all that we are planning for the QCWA international convention, which we are hosting in Ottawa on October 15-17th, 2004 and that everyone who is able should pitch in. He also thanked Keith Bedal VE3GFI, who in addition to being our treasurer, looks after our web site that is at <http://www.qcwa70.cyberus.ca>.

Ken Pulfer VE3PU, who is one of our members, will be leaving shortly for Geneva to represent the Radio Amateurs of Canada on the fixed service committee of the IARU. Three items are of interest to amateurs. First is the review of the spectrum from 4 to 10 MHz that includes our 40-meter band. Second is the proposal for a world wide amateur allocation at 135 kHz, and thirdly is broadband over power lines. In the case of BPL the fixed service users and amateurs have a common interest.

QCWA director George Roach VE3BNO, then presented a 65 year pin and certificate to Fred Green VE3IO. Our speaker for the evening was member Dick Bonneycastle VE3FUA, whose topic was high performance receivers. Over the years designs have changed to meet the requirements of coping with more and stronger signals. With the aid of block diagrams and graphs we now know what to look for in those manufacturers specifications and what performance we can expect.



Fred Green VE3IO is presented his 65 year pin and certificate by QCWA Director George Roach VE3BNO.

Chapter 81, Long Island (NY)

At the February meeting of Chapter 81 we had our annual elections. Elections were held at this time in order to fill vacancies in our staff. Since the main order of business was the election, we did not have a guest speaker. There were 17 members (out of 41) at this meeting, and business ran smoothly. Results of the election were-President: Martin Miller NN2C, Vice-Pres.-Herman Milatz W2TLC, Treasurer: Hugo Landerer W2IGH and Secretary: Howard Liebman, W2QUV A good time was had by all.

Howard S. Liebman W2QUV

Chapter 91, Vic Clark (VA)

Our January meeting at Neighbors Restaurant in Vienna, VA, was our Annual Meeting for 2004. It began with short reports and plans from the new officers for the coming year.

Treasurer Nelson Seese W4BHD, was the featured speaker. He showed off his extensive collection of short-wave broadcast station QSLs gathered mainly in the years just prior to World War II and before he obtained his amateur radio license. That's Nelson on the right showing off a few cards to Lee Garlock KD4RE.

For more on his stories and photos of some of the cards in his collection, see our website at homepage.mac.com/rucker/chapter91.html

In the morning of the third Saturday in February, chapter members and their guests met in the lobby of WETA, the "leading public broadcasting station in the

Chapter Reports



Nelson Seese W4BHD, showing QSL cards to Lee Garlock KD4RE.

nation's capital with offices and studios located in Shirlington, VA." Ed Kennedy, a senior engineer for the TV side, and Charles Lawson, a senior recording engineer for the FM side, took turns showing us their respective facilities in the main building.

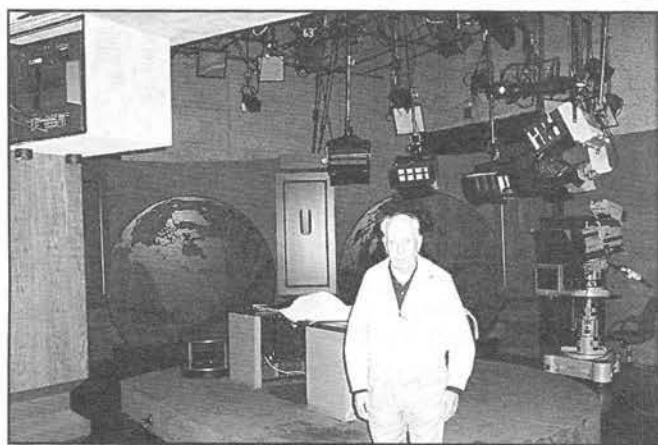


Charles Lawson & Ed Kennedy, our tour guides at WETA.

We then walked down the hill and crossed over Four-Mile Run. On the other side, was a large one-story building that looked like a brick warehouse. Inside, Ed Kennedy showed us two large TV studios: one where Washington Week in Review is produced and another dedicated to the weekday productions of The News Hour with Jim Lehrer. The photo shows Lew Bradley W4SWP, standing at the entrance to the unlit studio for The News Hour.

We were lucky to be there when few people were around. Ed and Charles spent several hours with us, answering our many questions and dazzling us with their knowledge of the business. It was one of the best field trips we've been on. We gathered at a Mexican restaurant nearby for a much-needed repast in mid-afternoon.

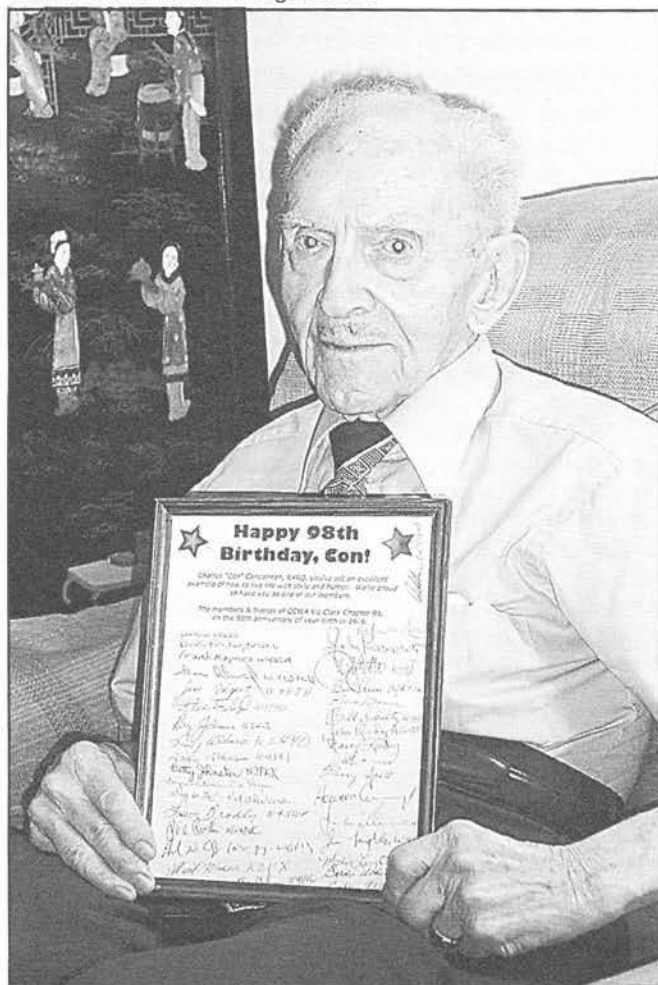
Charles "Con" Concannon K4RQ, is the grand old man of the Vic Clark chapter, having taken his licensing exam at age 14 in the Radio Inspector's office of the Customs House in San Francisco in 1920. He still re-



Lew Bradley, W4SWP, at the entrance to the News Hour production studio.

members the letter he received from the office secretary saying, "Your license is in the mail and your new call is 6RQ."

Con, two of his friends, and I had an enjoyable dinner together to celebrate the 98th anniversary of his birth on March 19, 1906. I presented a framed birthday card to Con with 34 signatures



Con Concannon, K4RQ, holding birthday card with signatures.

The card reads:

"Charles 'Con' Concannon, K4RQ, you've set an excellent example of how to live life with style and humor. We're proud to have you as one of our members.

/s/ The members & friends of QCWA Vic Clark Chapter 91 on the 98th anniversary of your birth in 1906."

You can see and learn more about Con and his two friends on our website.

The Vienna Wireless Society (VWS) held its Winterfest again this year in the gym of the Ernst Community Cultural Center on the campus of the Northern Virginia Community College (NVCC) in Annandale, VA. Chapter 91 was there again in force to, as John Johnston puts it, "fly our banner." Those who worked behind the table were members Mike Huhn K3TEZ, Howard Cunningham WD5DBC, Vern Hill W4DZI, Lee Garlock KD4RE, Bill Scholtz W3HXF, Vic Culver W4VIC, Dave Wiesen K2VX, Frank Haynes W4NUA, and Dick Rucker KM4ML. John Johnston W3BE, brought recruiting materials and helped with greeting visitors. [photo CH91e.jpg]

Finally, two long-time members of Chapter 91 recently became Silent Keys: Thomas E. "Jack" Bobbitt W4HV, in January, and Leland Smith, Sr. W5KL, in February. Photos on, and tributes to, both of them can be found at

homepage.mac.com/rucker/chapter91.html

Dick Rucker KM4ML - Secretary

Chapter 100, East Georgia

No it wasn't an April fools joke. No it wasn't just to check to see if they filed their taxes on time, but it was the time and date, April 15, 04 for Chapter 100 dinner meeting at the Red Lobster here in Augusta Ga.

We talked about amateur radio, BPL, satellites, and 6m.

Then it was time for me to present a certificate for 50 years licensing to one of our members. Always a



(Left to right). Titus Baxter W4EDC receiving his 50-year Certificate from Don Anderson K4PSW.

happy thing to do. Titus Baxter, W4EOG, had not been a member too long but he was licensed for over 50 years. After presenting the certificate Titus had a few kind words for his fellow hams.

We all departed on our merry way with a reminder of the June meeting.

Don Anderson - President, K4PSW

Chapter 102, Dakota

Frank-NUØF was part of the VE test team who administered test on Saturday,

February 21st. Congratulations to Jody-WBØQVE on her upgrade to General

Class. On the same day Dan-WØNBX, Scott, WAØVKC, Gary-KØCX were working the auction at the Black Hills ARC's annual Auction/Hamfest in Rapid City and Frank, NUØF set up manned a QCWA and ARRL information tables at the flea market. It was a busy day for Frank who was the VE Teams Liaison Person, he started at 7 AM in the morning setting up the VE Test session, when the test session was done, he went to the hamfest site, to set up the information tables and that evening he went to the annual holiday dinner which he organized for the Black Hills ARC at the Rapid City Elks Lodge. Scott is also teaching a CW class at the South Dakota School of Mines.

The chapter's Special Event operation using our chapter's call WØDAK on February 28-29, to commemorate the 26th anniversary as a QCWA chapter went well. Members made 337 contacts, which was more than last year. A special thanks the following operators who participated in this event: Ray-KØRNT,

Roger-KØROG, Scott-WAØVKC and Roland-WØYMB. Ray won the chapter's Traveling Trophy for the most special event contacts. After his name is engraved on the trophy it will be presented to him to keep until next year.

Roger Kehm-KØROG - Vice President.

Chapter 109, Baton Rouge LA

Numerous members and several guests met at Brunet's Cajun Restaurant for the spring quarterly meeting of Chapter 109 on March 27th at noon. The Chapter mourns the recent loss of its long time Secretary/Treasurer, Warren K5DVO, and long time active member, Ray K5ZFN. Our sincere sympathy is extended to both families in dealing with this loss. AC5IA, Doc, was elected by the membership as the new Secretary/Treasurer. A discussion was held concerning changing the requirements for the member-of-the-year award, but no definitive consensus was reached. Door prizes were awarded with a very nice sewing basket going to the female winner and a fluorescent trouble light going to the male. The entire group enjoyed a nice luncheon of fresh Louisiana seafood and cajun favorites.

Keith R."Doc"Mack AC5IA - Secretary/Treasurer

Chapter Reports

Chapter 110, Kansas (Salina KS)

Winter meeting held March 20th 2004 at the Swedish Crown & Vasa Club 101 N. Main In Lindsborg, Kansas. A buffet dinner followed by meeting with 25 members and guests present. Meeting called to order by Wendell WØTQ Pres. with every one introducing there self and guest. Sec/tres gave minutes of last meeting and tres report with both being approved.



W?PE, Alvin Schwertfeger recieving Gold Certificate for 50 and 55 years from Wendell Wilson W?TQ Ch 110 President

Next the President presented Gold Certificate to Alvin Schwertfeger WØPE for 50 and 55 year licensing anniversary. Gold Certificate to Willis A. Duncan WØQBK for 55 years. Gold Certificate to Marc T. Campbell WØRBO for 50 years.

Bob Summers KØBXF gave a talk about volunteer service and challenged the group to work with their local EC's.

The group wants to have a info table at the Salina Hamfest in August 15th 2004, no other business the meeting was adjourned and more eye ball Qso's and shopping in Little Sweden U.S.A.

A good time was had by all.

Alvin Wiechman WØME - Secretary/Treasurer

Chapter 115, Chattanooga TN

The quarterly meeting of the Chattanooga Chapter 115 was held January 29, 2004 at Barnhill Buffet. President Tom Wolfe K4CMY, opened the meeting with the usual welcome and after the Treasurer's report, turned the meeting over to the speaker of the evening, Mr. Herb Kinard,

Mr. Kinard spoke on the years that he worked at shortwave station HCJB in Ecuador. He described how it was to work at high altitudes and the problems that resulted when high power was used on some of the directional antennas. Because of the corona problem, they developed the quad antenna to eliminate it. One of the quad antennas used at HCJB is a 24-element quad with

a gain of 24 dBI used on 13 m. This is in addition to many Sterba Curtain antennas, steerable antennas, and a Parabolic Reflector antenna being constructed for use on all bands.

He explained how the station personal built all of their equipment including studio, transmitters and even their own water powered generators with a private power line to carry the current (AC) to the station over a mountain. Many of the personal are volunteers who come down to work as missionaries.

The next quarterly meeting is scheduled for April.

Charles E. Curle AD4F - Secretary

Chapter 138, Marconi (NJ)

The QCWA Marconi Chapter 138 held its quarterly meeting on February 17, 2004 at the Supervisor's cottage at the old Marconi Belmar receiving station. There were 12 members and three guests present.

Vice President Bernie Ricciardi, WB2EJT gave a little background history of this historic site tying it in to some early radio development by Marconi and Armstrong as well as later military developments with radar and communications up through the 1990s. The building we met in was built by the Marconi company in 1912 and originally served as the supervisor's cottage. Later uses included army officer's housing, and, most recently, a government "safe house". A nearby building (currently in disrepair) was used by Edwin Armstrong in 1914 to demonstrate his regenerative receiver to David Sarnoff. A lot of early radio and radar history is connected with this site.

A lunch consisting of several submarine sandwiches, pasta salad, potato salad, chips, cake and beverages was brought in and each attendee chipped in \$3.00 to help pay for the food. This was certainly much less expensive than meeting at a restaurant, as we have done in the past.

Our annual awards banquet is scheduled for Sunday, May 16 in the afternoon at the Bedrock Caf? in Bradley Beach. We have invited Fred Carl, head of the Infoage Learning Center to be our guest speaker and we plan to make him an honorary member of Chapter 138. Fred is responsible for converting the Marconi buildings to a hands-on museum and Chapter 138 has volunteered to help in any way that we can.

The chapter agreed to donate \$100 to the QCWA scholarship fund in memory of the silent keys of this past year.

Bob Buus W2OD - Secretary

Chapter 149 Nutmeg (CT)

Our February 14th 2004 meeting was held at Paradise Restaurant in New Britain, Ct. We had a total of 32 members and guests present. Al Cohen W1FXQ, gave out roses to all the ladies for Valentines Day. As usual the food was plentiful and delicious and all enjoyed good fellowship.

After the meal our president, Rich Monahan K1FPP acknowledged our new members, Stu Brown WB1EU and John Callaghan KB1JGK Rich also announced the



left to right is Kay Chaffe [xyl of Milt WIEFW our founder] Tony Perrone W1CGI [secretary] Paul's xyl K1AFI, Tony's xyl W1CGI. Aalso seated in the booth is Wayne Shaffer W3QAN and xyl Jayne.



Left to right is Wade Holcomb W1GHQ, Charles Griffin W1GYR, and Harold Chase W1EES.

silent keys, Robert York Chaptman W1QV Frank McKeron W1UOL and Bruce Balog W1FVZ They will surely be missed. He also announced those who are sick in our chapter, Ron Kresge W1ARS And Jane Steel W1UKL.

At the meeting our president talked about streamling some of our functions, there was much discussion over the matter both pro and con. A big 'thank you' was given to Roy Hilt K1JNR for a fine job on the QCWA #149 web sight. The receiver went out to 103 members by 'e' mail, 25 copies were sent out by 'snail' mail, who don't have email.

As usual, we ended the meeting with a fun raffle. We had a 50/50 raffle, and Mike W1RQF won it. Tom Evens donated a G5RV antenna, and it was won by Sandy Monahan [Rich's xyl]

The meeting ended at 1451hrs. PS. In the absence of Don Steel as secretary, Tony Perrone W1CGI has taken over the position for the chapter. I hope I can do as fine a job as Don did. Many thanks Don.

Tony Perrone - Secretary

Chapter 145, Smoky Mountain

Due to an error, please refer to page 44.

Chapter 151, Calgary Alberta Canada

A big Hello from Chapt 151 Calgary Alberta, Canada. We will host the 2006 QCWA Convention. Our most recent news is the successful turn up of a new Amateur Station at a local Middle School. Our chapter has sponsored the donation of equipment and antennas to the school (and the science teacher getting his ticket) and finally they are on the air and have talked to other places and other schools. We are quite excited about the Radio Amateurs Canada Youth Education Program and are once again searching out another local school so we can do it all over again. A big CONGRATULATIONS to Tim Ellam VE6SH, one of our very own who is the new International Amateur Radio Union (IARU) Vice President effective May 9, 2004. With Tim as second in command, the world of amateur radio is in good hands. See attached picture of Tim Ellam.

Finally, we have a luncheon meeting planned for Saturday May 8 in Calgary with a presentation titled "Rubbing shoulders with famous Astronauts". The presenter is a grade 11 student who spent two weeks on a youth program at the Johnston Space Center.

Al McNeil VA7QQ - Secretary

Chapter 154, Leo Meyerson (CA)

After five months of inactivity (we snowbirds leave the desert during the summer heat), Chapter 154 held their November monthly luncheon at the Palm Desert Greens Country Club. The first order of business was the election of officers for the coming year. Those elected are: Gene Pentecost W4IMT, President, Emil Oana K6LGI, Vice President, and Bill Dews K6AWO, Secretary/Treasurer. Norm Friedman W6ORD, elected to step down as long term Secretary/Treasurer. The chapter presented a plaque to Norm along with our sincere gratitude for his contributions.



Norm Friedman, W6ORD and Gene Pentecost, W4IMT

Chapter Reports

John Aiton W6HAG, received the QCWA Century Club award. Not only is John a long time member of QCWA, he has been a ham for over seventy years. We are proud of John for his contribution to ham radio.



John Aiton W6HAG and Gene Pentecost, W4IMT

Leo Meyerson W0GFQ, returned to the Coachella Valley just in time for the annual holiday party for all hams in the area. Chapter 154 participates in the activity along with the two local amateur radio clubs. Over one hundred came to partake of the potluck dinner, program, and door prizes. This year, Gordon West WB6NOA, and his wife Suzy N6GLF, presented the program. Most hams know of Gordon, a QCWA member, because of his instructional course, programs, and participation in ham activities. Leo and Gordo have known each other for many years and enjoyed a reunion.



Leo Meyerson, W0GFQ and Gordon West, WB6NOA

Gordo's program was absolutely outstanding! Both hams and non-hams enjoyed his "show and tell" presentation of equipment. The flea market bargain radio immediately began to smoke. But his toilet seat code key was the hit of the evening! We look forward to a great season here in the Coachella Valley.

Gene Pentecost W4IMT - President

Chapter 162, Southeast Wisconsin

In the late afternoon on Tuesday, March 23, 2004, Robert Nels Jensen W7WLN became a Silent Key, 59 days short of his 83rd Birthday. Bob's energetic spirit, positive attitude, and effervescent drive, will be greatly missing as Chapter members continue to participate in community activities that he often planned, directed and brought to successful conclusions. Bob grew up in Southern Wisconsin, entered the U.S. Army Air Corps, trained to be a multi-engine pilot and was assigned, in 1943 to a P-38 Fighter Squadron where his long-range fighter often escorted bomber groups deep into enemy territory. Bob lost an engine on one of those missions, and while trying to limp back to the Allied lines, encounter a German Fighter that set the P-38 on fire forcing him to parachute from a flaming cockpit. He was immediately captured on landing and placed in a German Federal Prison. There were few rations and no medicine to treat the burns Bob received prior to bailing out of his plane. Somehow a rare (Bob's word) Red Cross package made it way into the prison and medicine it contained treated Bob and another burn victim's infections. Bob often stated that if it were not for that Red Cross package, he would not be here today talking about his POW experiences. In November of 1945, Allied Forces liberated the POW Camp ending Bob's 18 months of captivity. Bob kept meticulous notes on the food and housing, and had built scale models of the camps he was confined to, that he used to illustrate life as a POW for the many groups of people requesting a talk on the subject. Bob recounted several attempts in each camp to tunnel out, but did not discover until after he was liberated that the German's had seismographs in each camp to reveal underground activity by the POWS which explained why the Germans collapsed their escape tunnels just short of freedom in all cases. Bob remained in the military, retiring as a Major with more than 20-years of service to his country. He opened a small electronics store in Aurora, CO until he retired in 1984 and moved to Racine, WI with his wife Gladys.

As a very active QCWA Chapter member in Colorado, Bob felt a need to bring that experienced camaraderie to Southeast Wisconsin. With a current Callbook in hand, Bob listed the address of each Ham holding a W9 prefix call in the Southeastern corner of Wisconsin, and hand wrote a personal note (over 600) to each inviting them to join with him in forming a new QCWA Chapter. A very disappointing few responded back. He was undeterred by the indifference and went on to charter QCWA Chapter 162 in 1987. In addition to being the inspiration, founder and charter member of the chapter, Bob was the Secretary and Treasurer from it's inception until November of 2003 when he made it known that he would not be able physically to continue in that duty.

During the 20-years Bob was active in the Greater Racine Amateur Radio community, he served on most of the Radio Club Boards, was the ultimate Elmer to those in need, became a VEC, and headed the group until illness forced him to relinquish those duties. He organized and taught an untold number of Amateur Licensing classes and virtually touched the lives of every Amateur Radio

Operator in his corner of the state.

Bob cannot be replaced, only emulated. For those of us who were most fortunate to know and work with Bob, our lives are much richer for the experience. Bob was laid in his final resting place with full military honors. My most appreciated thanks to Ken Knoff, N9NBC for providing most of the information appearing here.

Larry McCalvy WA9JMO

Chapter 169, Sacramento Valley (CA)

Due to an error, please read the report on page 44.

Chapter 175, Oregon Coast

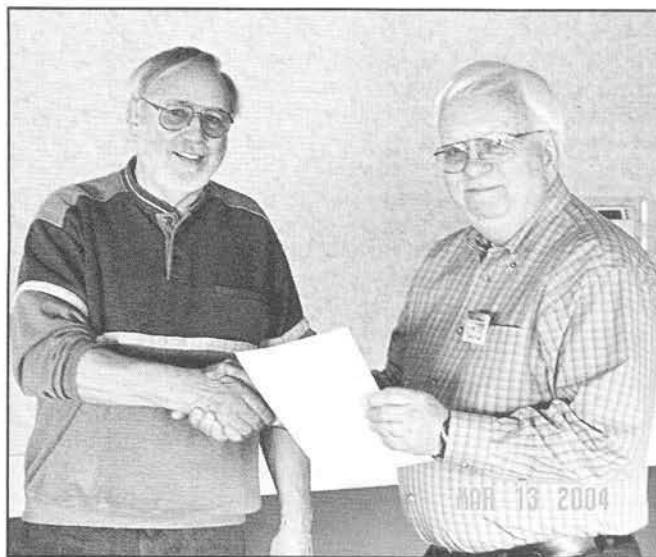
Two of our members were recognized this year as they received their QCWA certificates for being licensed 50 years. Neither one is sitting around eating bonbons or watching soap operas during their spare time. Let's see what they might be doing.

Jim DeVries W7UG, is usually out on the road somewhere. Jim takes his HF gear and heads out on DXpeditions to Enewetak (V73E) in the Marshall Islands, or maybe over to Kwajalein Island (V73UG). Add in Palau Island (T88UG) and Yap Island (V63UG) this past year. CW and RTTY are his specialty from those far away places. Jim knows what a pileup is all about and that might include the back of a MATS plane as he hitchhikes himself and all the radio gear across the Pacific. Jim also travels around the country helping build churches as a volunteer for the Mobile Missionary Assistance Program (MMAP). The first six weeks of 2004 found him doing more hands-on building for MMAP. Jim is married to Claire who travels with him on many of these projects.



*Left - Jim DeVries W7UG receiving 50 year certificate.
Right - Carl Somdahl W7LI, Secretary.*

Jim Hawley W7VTW, is the Director of Emergency Services for Lincoln County in Oregon. We like to think he's retired in place but Jim seems to run a 24/7 operation. His job keeps him awake around the clock on some days as the Incident Commander of the Search and Rescue group and he is also part of the Major Crime and Homicide team for the county. Jim is the director for a large RACES communications team as well, about 42 operators at last count. He has the county well covered on vhf and uhf with multiple repeaters, including packet



*Left - Jim Hawley, W7VTW receiving 50 year certificate.
Right - Carl Somdahl, W7LI, Secretary.*

radio and APRS. You can't be involved in communications in this county without knowing him. Throw in a fair bit of volunteer time with the American Red Cross and you have one busy guy. Jim is married to Nancy K7UQQ. Nancy is retired from teaching and currently a Director for the American Red Cross over a seven county area. She is also an active participant in our chapter. Chapter meetings are held every two months at the Surfrider Resort near Depoe Bay on the Oregon Coast. Let us know if you want to stop in for a nice lunch with an ocean view. You might just catch a glimpse of a spouting whale offshore.

Carl Somdahl W7LI - Secretary

Chapter 190, Silver State (NV)

The years go by so fast. It's hard to believe our chapter has been around for nine years. We have also in December of 2003 held our eighth annual Christmas party and get-together. A fine gathering was achieved for the event at the Cal-Neva Hotel in Reno. The weather was fine for attending and other than a few people who had not been down town for some time, having problems finding the room location, most arrived on time. The location was large and quiet with good service. Several of our members were able to come away with raffle draw-



Group photo of the entire Chapter 190.

Chapter Reports

ing and door prizes. As one order of business was addressed during meeting for election of officers, there was no demand for elections, so incumbents will continue for another year.

The chapter was able to add a couple of new members for the year but sadly have to report the passing of one member. George Lyle K7ZAU passed away the later part of the year. He will be missed by members and friends alike. As you can see from the picture, we attempted to get the entire membership up for a group shot. A better looking group of amateurs I'm sure has never been assembled. Hope continues to find a location where we can meet for a brunch during the year. If any QCWA members come through the Reno area, hope you give a call on local repeater, one of us will come back to you.

Chapter 195, Sun City Center (FL)

The Sun City Center Chapter 195 met on January 15th at their usual location in the far back room of the Alpha House Pizza and Greek food restaurant in Apollo Beach, FL, in order to celebrate their continued existence — in spite of the lackadaisical efforts of a few whose absence was designed to cause the immediate death of the chapter. It just goes to prove that no one is indispensable! We had 26 males and females willing to sample the cuisine while telling tall tales about their near escapes from the frigid weather "up north." Ed Anderson, W8DUW, was awarded his 50-year Certificate, having persisted all this time due to the valiant efforts of his sweetheart spouse, Kay, W8DUV. Kay had framed the certificate in advance so it looked even



Ed, W8DUW receiving his 50-year Certificate from Alan KJ9N, Chapter President, as photographed by Kay Anderson W8DUV.

more spiffy than Ed did. Congratulations to both. The Big Guns and the Top Brass were present in the form of Croft Taylor, National QCWA President, and Art Kunst, QCWA Director, both of whom harangued the gathered saints about paying their dues on time, participating in the next QSO Party, and attending both the next Convention as well as the 2005 Alaska Cruise. It is always nice when our National Officers are able to "show the flag" at our winter meetings when the snowbirds have

gathered for another visit to paradise. Croft brought along his lovely Elizabeth and Art his lovely Silbia and thereby redeemed their remarks. We reelected all of our present club leaders, including George Guler W?OIR, as Chief communicator; Pete Kurdeka N1ASJ as Scribe, Jerry "Money Bags" Engle AE4WZ as Treasurer, who then collected our annual \$4 dues from those who were not already broke. We'll be meeting the next two months in the same place at the same time — a thoughtful gesture to all of us who already have too many "senior moments" — and we plan to learn all there is to know about digital television from Ed Allen, WA4ISB, Chief Engineer for Cox Broadcasting in the Tampa/Sarasota market. So if you are anywhere near Apollo Beach on the third Thursday of February and March, drop into our 11:30 A.M. luncheons. The restaurant serves everything but Buffalo Burgers, and you'll be welcomed as a fellow survivor.

Alan Pickering KJ9N - President

Chapter 196, Edison FL

We have been lucky to have director Ed Yoder W3YMB, and national vice president John Johnston W3BE, and national president Croft Taylor VE3CT, join us at luncheons in the past few months.

January was special because Stan Reas K4UK, made a presentation including a qrp rig and also talked about WW2DDM, the special event station commemorating the World War 2 D-Day Memorial station in Bedford, Virginia.

Stella Gurka WB2FAU, has been appointed as PIO, Mike Gurka K2UGH, has been appointed LGL, and Dave Penezic WA4GUK, has been appointed EC by the ARRL for our area. Stella was also the chairperson who coordinated the special event station at the Thomas Edison home during the annual pageant of light celebration. It is nice to know that we have the best of the best in our chapter.

Tad Burik K3QC - President

Chapter 202, Old Dominion VA

The chapter held its Christmas dinner at the in Roanoke, VA at the Roanoker Restaurant. Nine Old Dominion Chapter members and five of their XYL guests were present.

President Bill WA4BKW welcomed all in attendance and reminded the Chapter that our most senior member, John Bush W4FOD had recently passed away following an operation in Charlottesville, VA. It was quite unexpected because John was in good spirits concerning the operation. The group observed moment of silence honoring John and directed the treasurer to forward a contribution in John's memory to the Memorial Scholarship Fund. Several members present contributed to this memorial.

Buddy Smith advised that Jim Walsh was stepping down as QCWA General Manager. He will be replaced by W1IGD. The Chapter directed the Secretary to write a letter to Jim Walsh to express the Chapter's thanks for the fine service Jim has provided the Association and the Chapter through the years of his tenure.



Some activity at the Old Dominion Chapter 202 April, 2004 meeting in Lynchburg, Virginia. Buddy Smith, W4YE, upper left and Arlette Stanecker, KB2HBN, with back to camera watch while Stan Reas K4UK, in the dark plaid shirt and Larry Stanecker WA2OLP, in the light plaid shirt examine a Rockmite transceiver. Stan's XYL, Carolyn is to his right. In the background Bob Dixon W8HGH, facing camera and Riley Dudley K4ORD, facing window carry on an interesting conversation.

It was noted that JJ has a new call, W4EIE. Stan recounted the tale about JJ's contact with David, VK3DBD in Yackandandah, after which he asked Stan, K4UK, where in Canada this town was located. Stan told him it is in Australia. To which JJ expressed amazement because it was the first QSO he had had in his 31 years of hamming with an Aussie.

Phil, K4WFO, told about his work with the local William Byrd Middle School Radio Club. They have the call sign K4WBM. President Bill also has worked with these students as well as with those at the William Byrd High School, whose call is WB4H. They suggested that members be available during the "Kid's Day" on January 4, 2004 to communicate with these school stations. Operations scheduled from 1 PM until 7 PM.

President Bill appointed Buddy W4YE, chairman of a nominating committee consisting of himself, Phil, K4WFO, and JJ, W4EIE.

Bob, W8HGH, is arranging a meeting at the Golden Corral in Bedford for the third week in January.

Stan, K4UIK, performed the Secretary/Treasurer tasks in the absence of the elected officer Thanks Stan.

Charlie, K4BSF - Secretary/Treasurer

Chapter 205, Eastern Indiana

This year is not off to a terribly good start in that Don Cook K9GT, has had additional surgery. We hope that is all he will need for some time, and that the circulation in his legs will be adequate for many years to come. Ron Stier W9ICZ, will be conducting sessions on emergency operations during coming monthly meetings of our local radio club. While not a complete alternative to the programs offered by the ARRL, this will at

least acquaint members with some of the content and possibly encourage enrollment in the program. Verizon has decided to remove the large tower located adjacent to the remaining building still being used by the phone company in Richmond. The radio club's 2M repeater had an antenna on the tower at 240 feet. Chapter members have had a significant hand in removal of the repeater and reinstallation at the Red Cross building where the local radio club has meeting facilities and a station. Charlie Philhower WA9KZC, and Herb McAdams N9XC, and others, have been most helpful. In the transition, the other Richmond repeater operated by chapter member Mike Chambers W1IDX, has again proved to be a great asset in permitting local radio traffic to continue uninterrupted. Mike has made most of the arrangements for a 440 repeater, and likely our area will also have a 220 machine by the time of our next report. Local hams owe a lot to our chapter members who continue to provide the necessary leadership, know-how, and wherewithal to keep amateur radio repeater communications functioning locally. We are actively pursuing alternatives for a special event operation this year using our chapter call sign W9QCW. By the time of the next chapter report we will have more details. If you hear the call on the air (and it is not the Sunday afternoon net), chances are we are operating as a special event station. Give us a call!

John F. Strain W9MIU - Secretary

Chapter 206, Honolulu (HI)

The attached picture shows 4 Life Members of QCWA at a Honolulu ARC meeting making the award of the 55 Year Certificate to Neal Pinckney AH7HM. From



left to right are Neal Pinckney AH7HM, Tom Seale KH6AAA, John Peters K1ER and Lee Wical KH6BZF. There are several members of HARC who are eligible for QCWA and we are trying to recruit them. The HARC is the oldest ARC in Honolulu and shares many members with the Honolulu Chapter 206 of QCWA. As we watch the Snow in New England we remind you that it is 75F in Honolulu with clean air and warm beaches. This award was made in January 2004. Aloha

John K1ER

Chapter Reports



Chapter 209, Helvetica (Switzerland)

We had three main activities during this year 2003. First we had the great pleasure visiting HB9MX at his home and second QTH. Kurt lives in the city of Winterthur, near Zurich. There he told us some very interesting stories about the development of ham radio in Switzerland. Then we left Winterthur and traveled by car to the second QTH of HB9MX. This QTH is on a hill near the city, with a wonderful sight 360 degrees around. There we enjoyed the calm and the beautiful nature, and of course Kurt's description of an outstanding station.

Max, HB9RS bought a Hallicrafters BC610, and had a Problem. How to bring this heavy equipment from Zurich to Montreux? Tis was our second action. I think we did this transport the hottest Saturday of the year 2003. The minivan had no Air conditioning so we were just happy to arrive in Montreux at the end of the afternoon. This BC-610 completes Max great Hallicrafters collection. He also wrote the book The Hallicrafters Story, who I am sure many of you have read.

In June we were happy to follow an invitation of the German Chapter. The meeting was during the Hamvention of Friedrichshafen in Germany, the 27th of June. We were very pleased to meet some of our German Friends.

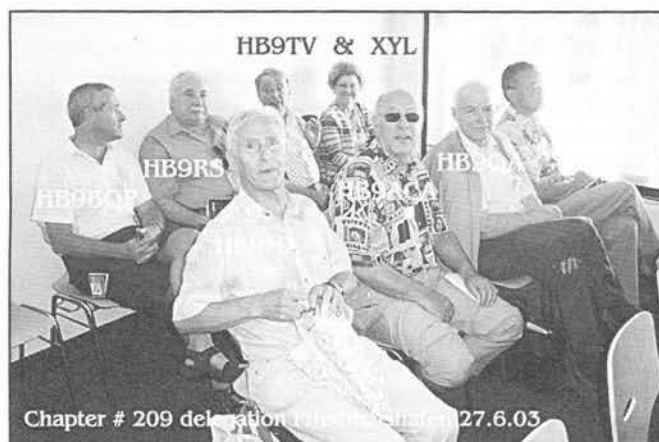
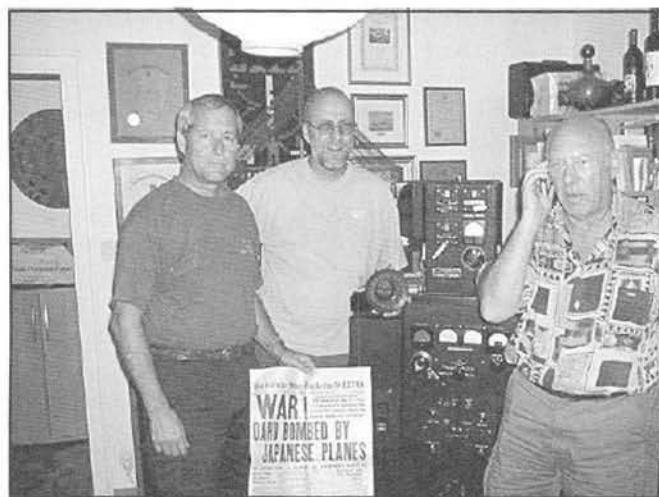
During the annual meeting we were happy to hand over Max the official document as President Emeritus of the Chapter 209. Max was the Old Man who made it 1921 - 2004

After a lengthy illness, OCR member 16, Warren Aubin died peacefully in his home at Baton Rouge, 6:30 am. Friday, January 30, 2004, surrounded by his family. He is survived by his wife of 42 years, Virgie Aubin, N5JXV, a native of Plaquemine, along with three daughters and their families.

Warren was 82 and a longtime resident of Baton Rouge. He was a retired broadcasting engineer of WAFB-TV, Channel 9, and a US. Army Air Corps veteran of World War II. After the war, Warren flew Crop Duster. planes. He and Virgie rode motorcycles during earlier years. Warren was a licensed amateur radio operator for 58 years and a member of BRARC, ARRL, QCWA, Society of Wave Pioneers, The Houma- Thibodaux Amateur Radio Club, plus of course, Old China Hands. Before his illness became so severe, he served frequently as Net Control for the OCH CW nets.

A parishioner of Sacred Heart of Jesus Catholic Church, he served as an usher and Eucharistic minister. Several years ago, during return from a trip to the west coast, Warren and Virgie stopped off to see us here in Boulder City. We had a great visit.

Herbert Aebly HB9BOU





Antennas at HB9MX 2nd QTH



Chapter 212, Central Ohio

The newly chartered Central Ohio Chapter 212 met on February 29, 2004 and the ten members present approved and adopted a constitution for the chapter by unanimous vote. Chapter membership presently stands at eighteen members. The chapter conducts a monthly net meeting on the Columbus 146.76 MHz repeater and plans interface meetings at The Ohio State University Club W8LT and the Lancaster Fairfield County Amateur Radio Club K8QIK in the immediate future.

Not only was the adoption of a constitution a significant highlight, but in addition, Chapter President Fritz Tender, WD8E, had the distinct pleasure of presenting 50 Year Certificates to chapter charter members Richard "Dick" Schlieffer W9ZZX, and Harry Vollmer W8LXC.

Dick is a Navy veteran of World War II and was first licensed in 1953. He holds a BS in TV Engineering and was employed by the Greyhound Corporation, National Broadcasting Company's WNBO Chicago, and later Motorola for twenty-eight years before his retirement in 1988. He holds an Amateur Extra class license and FCC Commercial First Class Radiotelephone license. He is currently resides in Lancaster Ohio and is trustee of

the Lancaster Fairfield County Ohio Amateur Radio Club Station K8QIK.

Harry Vollmer's Novice Class license dated back to 1952 that he upgraded to Amateur Extra Class in 1981. Harry is retired from the Engineering Department of North American Aviation that was located in Columbus Ohio. He currently lives in Logan Ohio.

Chapter 213, Fresno (CA)

The Fresno Chapter of QCWA finally came into being after some months of careful thought and contacting the local QCWA members. The Chapter meetings are the fourth Tuesday of each month at noon at Carrow's Restaurant, 4280 N. Blackstone Ave in Fresno CA. All QCWA members in the Fresno area on the 4th Tuesday of the month are invited to attend the meetings. The chapter has had 2 meetings so far and is looking toward planning future projects. There are 18 charter members of the chapter. Chapter officers are president Jimmie Wakefield W6PSQ, vp Mike Bavoso W6YDE, s/t Charles McConnell W6DPD, Directors Bob Bondurant W6RUJ and Perry Foster K6XJ.

Excuse Page

Partly due to the new configuration, partly due to the transition of headquarters and some would say, partly due to my stupidity, some of the pictures and chapter reports got lost in the shuffle. I apologize for any confusion I may have generated but I hope that I caught all the errors. Heck, just blame it on the computer! - Editor

Pictures inadvertently omitted from Chapter 10, Michigan



Mike Hall WB8ICN, (left) presents the 2004 QCWA Meritorious Service Award for Chapter 10 to Dale Cryderman N8EIZ. (WB8ICN photo)



QCWA Meritorious Service Award for Chapter 10 Dale Cryderman and his lovely wife, Dorothy. (WB8ICN photo)

Chapter 145, Smoky Mountain - Asheville, NC

We hold a luncheon meeting monthly on the second Wednesday of each month and like some other chapters we have a small attendance. Seems like it is difficult to get our members to attend the meetings. In our

January meeting we elected or reelected officers for 2004, Clint Gorman, K4KRB, president, Carl Smith, N4AA, Vice president, Tommy Queen, K4BNP, Secretary, and John Travis, W4QCF, treasurer. At the Charlotte (NC) hamfest Carl N4AA, was presented his 50 year certificate. (surprise surprise wasn't it Carl?) We also sponsor The Southern Appalachian Radio Museum which is located on the campus of Asheville-Buncombe Technical Community College in room 315 of the Elm Building. Our museum is only about two and a half years old. We have equipment on display from the spark gap era up to the 1960's. At the present time we are open each Wednesday from 1:00PM to 5:00PM and at other times by appointment. Also have QSL cards dating back to the 1920's. Plus at operating amateur radio station W4AFM. This was the call of a well-known and accomplished CW operator Bill Hayes who lived in Asheville for many years. In a CW "contest" in 1939 Bill was able to copy CW at 60 words per minute but he still didn't win. Ted McElroy beat him at 75.2 words per minute and as far as I know that record still stands. Our real goal is to have a "home of our own" accessible to the thousands of visitors who come to Asheville each year to enjoy the scenery and to visit the Biltmore Estate. Everyone has heard of the Biltmore House. You know, George Vanderbilt's little 250-room cottage. Our museum is less than one mile, as the crow flies and a little bit more if the crow has to walk away from the estate..visit us at: www.saradiomuseum.org.

Tommy Queen K4BNP - Secretary

Chapter 169, Sacramento Valley (CA)

Chapter 169 meets monthly at CatTOWS Restaurant located at 460 1 Watt Avenue in North Highlands, CA. The restaurant is on the west side of Watt Avenue just north of the Interstate 80 Freeway. Meetings are held on the 2nd Wednesday each month.

Our programs during January thru March consisted of video presentations on the International Space Station and a history of the U.S. Merchant Marine Service in World War II titled "War Stories".

During the quarter the following received Service Awards: Bill King, W7MCC, 55 years; Rose Jolly, W6QPV, 50 years; Jim Jolly, W6RWI, 60 years.

In March, our President, Paul Wolf, W6RLP, presented a meritorious service award to Annond Noble, N6WR, publisher of "Worldradio News". In March we lost long time member Joe Strazzarino, W6BWZ. Joe was 93 years old and had been a 'ham' since 1921.

Our change in our meeting time seems to be working well. Our no-host breakfast starts around 8:30 AM with our meeting starting around 9 AM. YLs are always welcome. For further information please contact our President, Paul Wolt: W6RLP, at (916) 489-8112.

Gary Stilwell K16T - Secretary - Treasurer



Meritorious Service Award for Chapter 169 presented by chapter president Paul Wolf W6RLP (l) to Armond Noble N6WR (r) publisher of WorldRadio News.



QCWA service awards tp (left to right): Bill King W7MCC (55 years), Rose Jolly W6QPV (50 years), Jim Jolly W6RWI (60 years and Paul Wolf W6RLP - President Chapter 169.

**THE JOURNAL IS AVAILABLE FREE TO
BLIND PAID-UP MEMBERS ON AUDIO
CASSETTE TAPE. FOR MORE
INFORMATION, CONTACT**

TOM CARTEN, K1PZU
(tfcarten@kings.edu)

or

BLANCHE RANGLES, W4GXZ
(w4gxz4@admin.umass.edu)
44 Western LN., Amherst, MA 01002
PH: (413) 256-0179



**Communicated by
Wireless - Amateur,
Commercial or
Military 40 years ago?
Licensed ham today?
OLD OLD TIMERS CLUB
3191 DARVANY DR
DALLAS TX 75220-1611
Phone: 214-352-4743
E-mail ootc@ootc.us
<http://www.ootc.us>**

Tubes For All Applications

- INDUSTRIAL • RECEIVING
 - SPECIAL PURPOSE • ANTIQUE
- Competitively Priced

TYPES

0A2/150C4	6BA6/EF93
811A	6JB6A
812A	6L6GC
6146A/B	12AT7/ECC81
6AU6A/EF94	12AX7A/ECC83

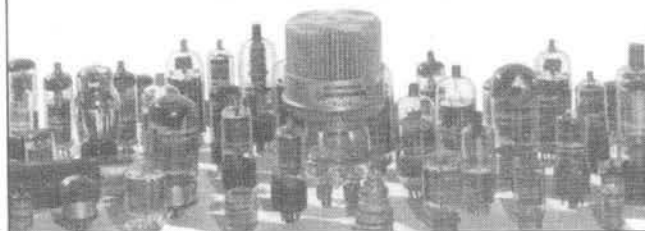
Write or call for complete tube range, price list and
Accessories Catalog.

Call Toll Free 800-645-9154

International ©

International Components Corporation
175 Marcus Blvd. Hauppauge, NY 11788
Toll Free 800-645-9154

In NY 631-952-9595 • Fax 631-952-9597
www.icc107.com



RANDOM RECOLLECTIONS OF AN OLD HAM

by George Hart W1NJM

(A journalistic history of the life and times in Amateur radio of George Hart, W1NJM)

The fullscale war had a dramatic impact on the operations and responsibilities of George's new executive position with the ARRL

Although a daunting challenge, the latter part of 1942, the entire year of 1943 and the first couple of months of 1944 were a good time for me. I had an executive position, made several trips to Washington where I conferred in relatively high government circles. One of my functions during this period was conduct of the ARRL Apparatus Bureau. Despite all the war clouds, the U.S. had been determined to maintain strict neutrality, at least on the surface. We were not prepared for full-scale war, and lack of communications equipment was one of the most critical shortages. The League was asked by the government to solicit donations by amateurs of certain items of manufactured equipment in good working condition for use by the armed services until manufacturing quotas could be reached. QST ran a solicitation and the response was overwhelming. The program was largely based on a patriotic motif, although certain monetary compensations were offered. The ARRL Apparatus Bureau became largely my function in the production of lists of equipment being offered by amateurs. Most of the equipment did not pass through the headquarters but went directly from donor to user.

One of the most critical shortages was meters and other measuring equipment. We were visited by a representative of Galvin Manufacturing Co. of Chicago who claimed to be in charge of procurement of this type of equipment under a sub-contract with Hallicrafters, a principal supplier of communications gear for the armed services. I remember the man as a brash, outspoken extrovert, but I don't remember his name. He offered \$3 for each meter sent in. We were to collect the meters from amateur donors, tag each one with the name and address of the ham or other person who sent it in, and a Galvin man would show up from time to time to take the meters off our hands. The "three dollars per meter" became a bone of contention. The QST solicitation failed to specify that the meters be of certain makes, only that they must be in working condition when received. The result was that some of the meters were of inferior brands ("Readrite" meters were considered to be in this category), which had not cost \$3 when purchased new, so the "donor" would be profiting from the exchange. On the other hand, many of the meters (Weston, GE, etc.) were worth a great deal more than \$3 but were sent in with the understanding that the donor would accept that amount. Profiteering versus patriotism, a common syndrome of war. The Galvin man (let's call him Blake) would not accept the cheap meters. KB contended that the solicitation, approved by Galvin, had promised \$3 for each meter received in working condition. No mention had been made of quality. Blake contended, almost sneeringly, that it wouldn't make good business sense to pay \$3 for a meter worth less than a dollar. KB countered with the implication that Galvin wouldn't mind, however, greatly profiting from paying only \$3 for meters worth a great deal more than that. Blake refused even to consider such an argument, stating flatly that Galvin would not pay more than it was worth for any meter,

nor accept any meter of the Readrite type, but would pay only a maximum of \$3 for any meter regardless of its worth. Business was for profit, even (especially?) during wartime.

Meanwhile, the basement at 38 La Salle Road had become a warehouse for meters and other "Apparatus Bureau" equipment and the task of tagging and doing the paper work on this program fell largely in my hands. It also kept the shipping department busy. The technical department, under George Grammer, helped in identifying the quality of some of the apparatus and meters of foreign or unknown manufacture. Clint Desoto, then high in the production-editorial staff, abhorred the whole program and its extensive use of QST space. "You and your g**dam meters!" he used to say to me, in typical good nature.

I got to know most of the higher-ups on the staff pretty well during this period. K. B. Warner, the big boss, became almost an associate, as did George Grammer, QST's technical editor and Dave Houghton, the treasurer and circulation manager. I even got on a first-name basis with George Bailey, the League's president, during his frequent visits to the headquarters. I used to "brown bag" my lunch at my desk, but one day KB suggested I join the group who went to a nearby eatery on Farmington Avenue at lunchtime. I have always had this tendency to be a "loner," but this seemed an opportunity to further "feather my nest" and I jumped at it. It soon became a custom and a relaxation. KB held forth with some unusual stories at some of these sessions and I soon realized he was a man with a keen sense of humor and a ready wit.

I do recall one incident at about this time that illustrates a sense of humor which, at the time, I did not fully appreciate. It has nothing to do with the Apparatus Bureau, but is worth relating as an aside. One morning I found in my "IN" basket a note from KB on pink paper. He used this shade of notepaper to indicate that the subject of the note was crucial. It said something like this: "George, you and I have always gotten on fairly well, but if I ever find you snooping around my desk I promise you will suffer the worst possible consequences." I read it over and over, with increasing heartbeat, frantically trying to think what he was referring to. I had never been near his desk except when summoned, and always in his presence, so I concluded it must be some kind of misunderstanding, or someone had "set me up." Nevertheless, the implied accusation was very upsetting. Since it was near lunchtime, I decided to face him at that time, but when the time came I almost "chickened out" and stayed cowering behind my desk. Although he was seldom absent from the lunch sessions, I found myself hoping he would not show up; but he was there ahead of me and motioned me to sit beside him. Once so seated, he turned away from me and continued his conversation with the person seated on his other side. For quite some time he seemed to ignore my presence. Then, when the conversation was momentarily away from him, he turned a bleak gaze on me and said, "Did you get my note?"

"Yes I did, KB, and I have no idea what you are talking about!"

"Doesn't ring a bell at all, eh? Did it shake you up?"

"It sure did, but."

"You should have recognized the tone, because it was just like the tone of a letter you wrote to the Michigan SCM yesterday. It will have the same effect on him that my note had on you." He suddenly broke into a rubbery smile. "Let that be a lesson to you."

"You mean -"

"Did I suspect you of snooping around my desk? Of course not! It was just an object lesson."

I was too relieved to be angry. In later years I had the same trouble with KB's successor regarding the tone of my letters to the field. More on that subject later in the script - if I remember it.

WERS

Perhaps my chief function during this period between the closing of WIAW and my entry into military service was conduct of ARRL's part in the War Emergency Radio Service. Ever since Pearl Harbor, the League had been probing for some means of participating in the war effort through its amateur radio membership and all amateur licensees in general. While tens of thousands of amateurs were pursuing their expertise in radio technology in the armed services, many more, not eligible for military service, were at home itching for an opportunity to exercise their skills. An Office of Civilian Defense had been set up as a part of the Executive Office of the President in the federal government, and League executives, primarily President Bailey and Managing Secretary Warner, had made contact at the top level. The OCD was much interested in using amateurs and amateur equipment for civilian defense communications purposes. The difficulty was in details of how such a system could be set up, and these details were delegated to lower levels of OCD. The League was very anxious to get amateurs involved in this effort to the maximum extent. As acting communications manager I carried the brunt of most of the details, including contact with working levels of OCD and, eventually, the FCC. This meant many trips to Washington, the first one to see President Bailey, who was then working for the Office of Scientific Research and Development. Although an experienced communicator and no stranger to its organizational aspects, I was a neophyte in the crowded wartime Washington scene. George gave me some instructions in behavior, procedure and protocol to get me started. I got the feeling that he was skeptical as to my ability to handle it, as I was myself. I never did get fully acclimated to the Washington government scene of bureaucratic predators, but managed at least to stay out of trouble as I went from office to office and became acquainted with working level officials of OCD, FCC, the Signal Corps of the U.S. Army, Naval Communications and several other government agencies involved in or concerned with the plans being proposed by OCD for a radio communications organization composed mostly of volunteer civilians, a majority being stay-at-home holders of amateur licenses or no-call LSPH (Licensed Since Pearl Harbor) licensees. Yes, FCC, after an initial hiatus, resumed issuing amateur licenses, although no on-the-air operation was permitted.

Once the initial guidelines were set up, after what seemed interminable negotiations with and between innumerable government agencies, FCC came out with a set of Rules and Regulations for the War Emergency Radio Service. This was not an Amateur Service organization and its R & R were not a part of the Amateur Radio Regulations (Part 12). Licenses were to be issued to local governments (towns, boroughs, cities or counties) under an officer thereof as trustee and administered by a

communications officer, and radio officer. The latter was the head honcho of WERS operations. WERS operators had special permits, for which the holder must have a commercial or amateur operator license of any grade. All operation was restricted to the 112-115 Mc. band. The detailed regulations would be too wordy to include herewith, but from the very beginning it appeared that amateurs would do most of the organizing, operating and even building of equipment for this new civilian defense system, and so naturally the League, meaning mostly I, would be heavily involved.

And I was. Involved, that is, at local, county, state and federal levels. I was not actually a leader at any of these levels. In my local Newington group the leader was Radio Aide Charlie McLeod, WIAVN. We operated under the auspices of the licensee, which was Hartford County; but I remember a dispute arising as to whether a town or city within a county could be licensed independent of the county licensee. The controversy was resolved when FCC arbitrarily issued a WERS license to the Town of Manchester, Conn., independent of the Hartford County licensee. FCC contended that Manchester had met all the requirements for licensing and they had no reason not to issue the license and refused to revoke it. OCD preferred licensing by counties but was thus unable to enforce this preference. As a consequence, small cities, towns, boroughs, townships all over the country started taking out independent licensees, and the licensing picture soon became a hodge podge.

The League supported the OCD position, but only nominally. We took no overt action to try to persuade smaller entities to stay within their county organizations. I did write an article or two in QST outlining the advantages of county organization, but these were informational only, at the behest of OCD, not intended as propaganda.

Although active at the national level through QST and maintaining contacts in the federal government, I participated on my own time at the local level. I remember getting a request from the state veteran's hospital in Rocky Hill to conduct a class among the hospital's residents to enable them to qualify as WERS operators. I undertook this only with the understanding that the class would not be restricted to hospital residents or veterans. As a result we had an initial enrollment of about 40 pupils, which rapidly dwindled to about 20. Most of these were people who had no concept of the requirements of communicators even at the commercial third class level, but all of whom were eager to make some kind of contribution to the war effort, an attitude that was typical of the times. I brought them to 3rd class commercial level of competence and quite above it during the six-week course of once-a-week sessions of two hours each, and thoroughly enjoyed it. At the conclusion I received a commendation from the head honcho of the hospital for my efforts. I received no payor any other kind of compensation except my own self-satisfaction, nor had I expected any.

WERS was never put into effect, and was not really a success. Of course there never was a need for a civilian defense effort in this country other than preparedness, so how it would have stood up under an actual enemy attack will never be known. In my estimation, however, it would not have been very effective, mostly because of inadequate handling at the federal level arising largely from controversy between FCC and OCD, the former part of the congressional or legislative branch, the latter part of the executive branch, which were often at odds with each other.

WERS continued in operation until after the Japanese sur-

render, and then was discontinued. Although largely operated by amateurs, it is not an amateur radio success story, principally for reasons intimated above. Such being the case, it is just as well that it was not officially an amateur radio service.

GREETING

The salutation was not plural, as usually depicted, but singular. I remember it well for, being something of a grammarian and etymologist; it struck me with its unusualness. I received it in the early part of 1943 while at my full stature and preoccupation as ARRL's acting communications manager. I was at last classified I-A in the draft, meaning I was subject to immediate call to serve in the armed forces. It also explained my rights, one of which was to appeal the classification on the basis of being employed by an essential industry or other occupation essential to the war effort. Up to this point my classification had been 3-A, a married man with dependents. When the draft boards ran out of physically fit young unmarried men they started reclassifying married men without children from 3-A to I-A, starting with the youngest, in order to fill their quotas. I had known this was coming but not quite so soon. Nevertheless, I accepted it calmly and soothed Louise's fears by saying I was sure I could be deferred.

I took the notice immediately to my boss, K.B. Warner, and he promised to make an immediate appeal. He did so and the two of us appeared before the draft board. I to answer questions regarding my type of employment, KB to explain why I was essential. It was a tough encounter, KB waxing eloquently on the subject, using arguments I never would have thought of. The board was unable, at first, to understand why an employee of a hobby membership organization was more essential to the war effort than military service. KB patiently but forcefully explained the unusual nature of the job, the importance of WERS to civilian defense communication and the near impossibility of finding a replacement with the required qualifications. I was much impressed with his presentation, to the extent that I began to think of myself as much more important than I had realized. The board was finally convinced of the importance of the job, but not that I was irreplaceable. They agreed to defer me for three months, by which time a replacement should be found so I could serve in the military. KB demurred, but the case was summarily dismissed. I was free for another three months. KB assured me it would be six months to a year before they got around to reclassifying me again, and he was so sure of this that he made no effort to replace me.

Six months later, almost to the day, I received another greeting letter and KB again appealed. KB was full of confidence, assured me he knew how to handle them now and he could get as many deferments as I needed until the war was over. It was in the fall of 1943 that we went down for the second appeal, and KB was again masterful, succeeded in getting another three-month deferment. This time it seemed easier than before and I began to think he was right and that I would not have to serve. However, the prospect seemed less joyful when, as we were leaving, one of the board members said to me, with a sneer, "You just don't want to serve, do you?" It shook me. It was right then that I determined this would be my last appeal. The man was right, I didn't want to leave Louise and my new job with good prospects for the future, to serve as a buck private in the Army and maybe get killed. If the war ended before my deferment was up, I would be considered a "draft dodger," a "slacker." If the war was still going strong and I went into service, my serene life style would be disrupted and I might get killed. Talk about mixed emotions!

When my third reclassification arrived in February of 1944 I told KB I wanted no more deferments that I was going to take my medicine and he would have to find a replacement for me. Lil certainly was not capable, although closer to it than anyone who would remain at the headquarters realized. What was needed was a licensed amateur with some experience and intelligence. Lil could handle the office work, but not the travel and contacts.

KB didn't react to my pronouncement quite the way I thought he would. I expected him to harangue me with arguments, but all he did was show some displeasure with my decision, then accept it. He said it would be at least a month before I was called and during that time he would try to find someone to replace me. This was not a matter of putting an ad in the paper or contacting an employment agency. This was a temporary executive position, for KB was sure Ed Handy would return after the war. There was no one left in the headquarters who could handle it. Someone from the field would have to be brought in. Louise also reacted mildly, but vowed she would get a job and "hold the fort" until I returned. She would have only herself to take care of, but she had never done even that, and this is what worried me most, especially when I considered I might never come back. One step at a time, I told myself. The war couldn't last much longer. It was February of 1944. Germany had a stranglehold on most of Europe, Japan was still a long way from beaten. But the Allies were gaining strength while the Axis powers were weakening. Soon the invasion of Europe would start. Maybe by Christmas it would be all over. But - one step at a time.

My replacement turned out to be one Carol Keating, a young woman from Indiana, a graduate, I believe, of the University of Indiana. I had heard of her but never had met her until KB called me into his office and introduced me to her. It was a little unnerving. A woman to replace me? KB, without a twinkle in his eyes, told me to try her out for a couple of weeks and let him know if I thought she could handle the job.

Carol and I got along fine in the few days we worked together. She was an attractive and intelligent gal in her twenties and was engaged to an ensign in the Navy. I showed her around the office, introduced her to the people, took her home and introduced her to Louise, then we went to Washington together and went the rounds of the government agencies I had to deal with - OCD, FCC, Army and Navy, President Bailey, etc. She comported herself extremely well, and by the end of a week I was able to tell KB I thought she would do fine.

I was called for a physical exam in mid-March and received notice to report to the railroad station a few days later for transportation to the reception center. Carol organized an impromptu going away party for me at the headquarters, I said good bye to everyone and went home to Louise for our last night together. She also comported herself bravely, right up until I kissed her good bye just before I stepped aboard the train, then she broke into tears. She had a lot of company. Tearful good byes were being said all around us. I was a little choked up myself as I waved to her on the platform as the train pulled away. I kept reminding myself that this was a scene that occurred every day at railroad stations all over the country, all over the world. But it had happened to me only this once.

THE WORLD WAR 2 EXPERIENCE

Most hams found military service far from any ham radio experience during civilian life, but with me it was different. I underwent reception at Fort Devens, Mass., like any other recruit, and found myself assigned to the Army Air Corps. From

Devens I was shipped, in a slow troop train, to Keesler Field, Miss., for basic training. There was no ham radio experience in any of this. The nearest I came to it was the radio operator test by means of which the Army filtered out the recruits with an aptitude for Morse Code training. This was a sort of comparison test. We donned headphones and listened to two Morse Code characters. The test was to tell whether the two characters were the same or different. A hundred pairs of these characters were sent, of increasing difficulty. I am sure I made 100% on this test, and found myself classified MOS 776: radio operator, slow speed. I protested to the examiner that I could copy the code at 40 WPM plain language. I'm sure he didn't believe me but said it didn't matter, all recruits that qualified were classified slow speed until they'd had some training. It was my first

73

introduction to an Army philosophy or rule of thumb that there are three ways of doing things: the right way, the wrong way and the Army way

I came out of Keesler in topnotch physical condition. It was a tough grind, but I more than held my own with the other recruits physically. From Keesler I was shipped to an Air Corps base near Atlanta on a "ten days delay enroute" order, allowing me a "free" furlough - that is, one that did not count against my accumulated furlough time. I was able to go home and spend a week with Louise in our little house in Newington and take care of a few problems she was having.

Entirely unbeknownst to me, someone was following my progress, because I was not in Atlanta more than a couple of weeks before orders came directly from the Pentagon to ship me to headquarters of the Army Airways Communications System in Asheville, N.C. It seems that individual orders from the Pentagon concerning a buck private were very unusual. My commanding officer queried me closely about "who I knew," and delayed acting on the orders on grounds that I was serving "squadron punishment" because of some unauthorized presence in a restricted area when I was supposed to be at a training barracks. Unfortunately for my CO, a confirming order arrived within 14 hours and he was reprimanded for not acting on the "immediate action" order promptly. As is usually the case when an officer is reprimanded for his conduct against an enlisted man, he took it out on me, wanted to know what was behind all this attention to a private, indirectly accusing me of pulling strings through a friend in a higher place. Of course I denied any such accusation but I doubt if anyone believed me, even my fellow enlisted men, most of whom were happy to see "the old man" get his. The only person I knew in the "higher up" ranks was Ed Handy, now a lieutenant colonel in the Directorate of Communications at the Pentagon and I suspected he must have had something to do with it. I found out several months later that this was true. Ed and I had been on very friendly terms ever since the 1938 hurricane emergency when I had operated his personal station for a couple of days. On my last visit to Washington before I entered the service, Carol and I had visited the Handys at their home in Chevy Chase and he had said he knew some people in personnel and would be able to follow my progress. But I didn't ask him to do so. I didn't feel I deserved the displeasure of my CO at Atlanta; however, this was not to be the last time during my Army career that I would find myself in this position. The Army experience is detailed in my book, "Officers, Dismissed!" in the non-combat adventures of a first-person narrator named Howard Snite. Some of the accounts therein are fictionalized to fill in some

vague memories, but most of them are accurate enough to give a true picture of the environment. Such being the case, I will proceed more or less rapidly through my Army experience and let the reader, if he wishes more detail and a more readable narrative, consult the fictionalized version. In this "true" version I will try to use the real names of the persons involved, or admit that I can't remember them.

I was in Asheville as an enlisted man from May to August, 1944, when I was shipped to Officer Candidate School near San Antonio, Texas. Upon my arrival in Asheville I had no idea why I was there and no one else seemed to know either, although there was considerable confusion as to why I was on special orders. The commanding officer was Col. Ivan L. Farman, W6MG, but he was absent on an extended inspection trip. AACS was the communications arm of the Army Air Corps and had installations all over the world in all theaters of operation. It was, in effect, the Signal Corps of what was to become the U.S. Air Force, but until the war was over it was part of the Army. For the first couple of days I pulled duty at Newbridge Post, the enlisted men's camp about 9 miles out of Asheville, but then I was summoned to the City Building in Asheville, which had been taken over to serve as headquarters of AACS and the Weather Arm of the Air Corps.

I knew about AACS from having read several articles in QST about it. It was practically run by officers who, in civilian life, had been licensed radio amateurs. My summons to the City Building had occurred because one of these officers, 2nd Lt. Vincent Dawson, W9ZJB, recognized my name on the roster of incoming recruits and had requested I be transferred to his detachment. I knew of Vince Dawson as a contributor of VHF articles in QST and prominent in this field, but I had never met him personally. I became a part of the 17-man detachment which operated a radioteletype orientation school in the basement of the City Building and two outlying sites, one for transmitting and one for receiving. On-the-air contact was maintained with a similar school in Philadelphia, strictly for training and orientation purposes. RTTY was a relatively new technique then. Officers and EM were shipped from all over the world to attend the two week course, some of the former in grades as high as major. Dawson was the OIC (officer in charge). The NCOIC was Master Sgt. Tom Broderick, W9NJJ, a 12-year Army veteran who would have been a high-ranking officer if it had not been for a heart problem - and the fact that he was half American-Indian. There were three instructors, two of them hams: TSgt. Hansen whose call I don't remember, and Cpl. Ralph Porazzo, WILLW. The other one was MSgt Harris, the chief instructor. Two three-strippers operated the crypto machines known as Sigcum and Sigava, which were behind locked and guarded doors because of their "secret" classification. Only the OIC, the NCOIC and the two "buck" sergeants were cleared to enter this room.

**- In the next installment -
Find out how Radio Amateurs found favor in an outfit
consisting mostly of officers.**

Chapters on the Air

NUM NAME	DAY	TIME	NC	FREQ	NUM NAME	DAY	TIME	NC	FREQ
SO CALIF CW	SUN	1100L	K6CD	7034	81 LONG ISLAND CH	SUN	1130L	W2TLC	3917
FL SSB	SAT	1300Z	W4KOG	3955	85 ARK-LA-TEX CH	MON	1930L	WA9PZL	146.67
QCWA SSB	SUN	2000Z	varies	14347	89 PALMETTO STATE CH	SAT	0900L	N4RM	3930
FL SSB	WED	1500Z	W4NWF	7274	89 PALMETTO CH	SUN	1700L	N4RM	7095
REGIONAL	SUN	0845L	W2AUF	3917	91 VIC CLARK CH	SUN	0900L	VARIES	146.79
QCWA CW	WED	2000E	varies	7035	94 ROADRUNNER CH	WED	1400L	WB5YYX	146.72
1 CLEVELAND CH	WED	2000L	W8LYD	146.85	102 DAKOTA CH	SUN	1400Z	VARIES	3889
2 CHICAGO AREA CH	1stTh	2130L	W9MOL	147.15	106 GERMAN CH	MON	1630Z	DLOQCW	3773
5 DELAWARE VALLEY CH	SUN	0945L	W2UAE	3917	106 GERMAN CH	TUE	1730Z	DL1MEB	3576
6 PITTSBURGH CH	SUN	0830L	N3GMI	147.03	107 CENTRAL FL	SAT	0900L	W4LHP	7243
7 SOUTHERN CA	SUN	1000L	W6ZRZ	147.36+	107 CENTRAL FL	THUR	1230L	W4LHP	14245
7 SOUTHERN CA	SUN	1000L	W6ZRZ	445.275	108 BEAVER STATE CH	WED	0800L	W7LVN	3926
7 SOUTHERN CA	SUN	1100L	W6WHM	7234	109 BATON ROUGE CH	SUN	2000L	VARIES	146.79
8 UPPER MIDWEST CH	SAT	0800L	W00FY	3877	109 BATON ROUGE CH	SUN	0830L	VARIES	3905
9 SOUTHWEST OH	SUN	1330L	K8YDP	3975	110 KANSAS CH	SAT	0730L	KA0RZO	3920
10 MICHIGAN CH	SUN	0800L	VARIES	3903	111 PALM BEACH CH	TTHSA	1900L	VARIES	146.670
11 NORTHERN CA	SAT	1000L	WB6IMX	146.85-	112 YANKEE CH	SUN	0830L	W1GCA	3903
11 NORTHERN CA	SUN	0930L	WA6AFT	3907	114 NORTH TEXAS CH	SAT	0830L	WA5BXH	3933
14 SAN DIEGO CH	WED	2000L	VARIES	146.640	122 LAKE ERIE TRI-STATE	SUN	0915L	W3QPP	3916
16 ARIZONA CH	SUN	0600L	W7ER	3890	123 LEE DEFOREST CH	SAT	0730L	VARIES	3940
17 ALLENTOWN-BETHLEHEM	SUN	1200L	W3GOS	3990	125 NEBRASKA CH	TUE	0100Z	VARIES	146.94
19 MISSOURI CH	WED	1900L	W9VHL	147.15+	126 PIEDMONT CH	SAT	0845L	VARIES	3935
20 BALTIMORE CH	MON	2100L	W3EE	147.285	128 PELICAN CH	SAT	0900L	VARIES	145.29
21 CANTON OH CH	THU	1930L	VARIES	145.11-	130 INLAND EMPIRE	WED	1930L	W6HV	1.896MH
25 NEBRASKA CH	SAT	0830L	VARIES	3982	130 INLAND EMPIRE	SAT	0800L	W6HV	3900
28 CENTRAL NY	SUN	1030L	K2MFB	3917	130 INLAND EMPIRE	FRI	1600L	W6HV	3900
29 FINGER LAKES CH	SUN	1230L	W2BCH	3900	134 PINE TREE	SUN	1430L	VARIES	3942
31 READING, PA CH	MON	2100L	VARIES	146.91	135 MID-MICHIGAN CH	TUE	2000L	VARIES	146.70
32 GATOR CH	SAT	0900L	VARIES	145.29	138 MARCONI CH	TUE	2100L	VARIES	147.045
33 GUNDERSON PENN-JRSEY	DAILY	2000L	W3APE	3987	140 WYOMING CH	SAT	0800L	AB7BJ	3923
33 GUNDERSON-PENN-JRSEY	DLY	1000L	W3APE	14263	142 NORTHWEST OH	WED	2000L	K8PL	147.27+
35 MIDCONTINENT CH	THU	2030L	K0YML	146.97	146 TWIN STATE CH	SUN	0830L	VARIES	3897
37 HARRISBURG CH	WED	2100L	K3IUY	147.12	149 NUTMEG CH	SUN	1030L	W1JC	3923
38 SAN ANTONIO CH	SUN	2030L	W5HRF	28650	150 DEL-MAR-VA CH	SUN	0900L	NQ4Q	146.820
41 DALLAS CH	SUN	0715L	varies	3835	151 WILD ROSE CH	MON	1900L	VARIES	3747
45 CITRUS CH	TUE	1930L	VARIES	147.195	152 ROYAL PALM CH	MWF	1630L	K4FA	14190
46 FOUNDER'S CH	SUN	0815L	W2NBW	3917	160 UTAH CH	SAT	1100L	VARIES	7272
49 PEACH STATE CH	SAT	0900E	K4VN	3857.5	162 SOUTHEAST WI	THUR	2100L	N9NBC	147.87
49 PEACH STATE CH	WED	2000L	K4VN	145.41	165 YORK COUNTY PA	WED	2100L	W3AXC	146.97
51 TEX-LA GOLDEN TRI	MON	1830L	W5AL	146.85	169 SACRAMENTO VALLEY	M/THU	1730L	VARIES	3947.5
55 WI CH	SUN	0830L	WA9UVK	3985	173 GOLDEN TRI CH	TUE	1930L	W9JRY	147.255
58 CO CH	SUN	0900L	W9KRE	3905	181 HUDSON VALLEY CH	TUES	2030L	VARIES	147.060
58 CO CH	SUN	0930L	VARIES	146.62	181 HUDSON VALLEY	SUN	0815L	VARIES	3917
62 SUWANNEE CH	SAT	0900L	W4PFJ	3940	182 NORTHEAST TN	SUN	2100L	W4CZI	145.110
63 CENTRAL OK CH	SUN	0800L	W5AS	3855	183 PIONEER CH	SUN	1030L	VARIES	3923
63 CENTRAL OK CH	THUR	1900L	W5HXL	145.21	188 LOST RIVER CH	1ST W	1915L	K7RFO	146.25+
64 EL PASO CH	SAT	0830L	W5RO	3933	191 MONTEREY BAY CH	TUES	1930L	VARIES	146.70
65 NIAGARA FRONTIER	SUN	1330L	W2AI	3900	194 HAWAII CH	1st S	1500L	KH6B	7088
67 AUSTIN CH	SAT	0900L	W5MDL	3920	196 EDISON CH	DAILY	0730L	VARIES	147.345
70 NATIONAL CAPITAL	THUR	2000L	VE3QCW	147.03	198 MID SIERRA CH	SAT	0700I	VARIES	3908
75 CENTRAL CA COAST	SAT	1000	VARIES	7260	205 EASTERN IN CH	THUR	2000L	VARIES	147.27+
76 BLUE RIDGE CH	SAT	0900L	W4LSK	3942	210 OMAHA CH	TUES	1900L	W0OMA	147.36+
77 NORTHERN NJ	THU	2000L	W2IET	147.030	210 OMAHA CH	SAT	0830L	W0OMA	3990
79 SUNFLOWER CH	WED	2100L	VARIES	146.82					
81 LONG ISLAND QCWA CH	FRI	2030L	W2TLC	146.745					

QCWA Welcomes New Members

DATE	MEMNUM	NAME	CALL	CITY	ST/PR	SPONSOR	SCALL
1/5/2004	32336	ELMORE, ROBERT E	W5JHJ	TULSA	OK	KIMBERLY L ELMORE	N50P
1/5/2004	32337	HERMAN, PHILLIP A	W9TUD	PALESTINE	IL	PAUL BOVACONTI	WD9DJJ
1/5/2004	32338	PHANEUF, ELDEN KURT	KA2DAS	CHAMPLAIN	NY	-	-
1/5/2004	32339	REDMOND, JOHN M III	WA5RBN	TULSA	OK	GENE NAILON	K5DLE
1/5/2004	32340	RUTTER, DAVID A	W6CQD	GALT	CA	JOE PENDERGRASS	W6AAB
1/5/2004	32341	AMIS, G H JR	N5CFM	EDMOND	OK	GENE NAILON	K5DLE
1/9/2004	32342	MUNDY, HAROLD E JR	KD2KP	SPENCERPORT	NY	-	-
1/9/2004	32343	PARKER, CHARLES	N8BLP	TOLEDO	OH	-	-
1/12/2004	32344	HORTON, FRED LANE	NA4P	WINSTON-SALEM	NC	-	-
1/13/2004	32345	JONES, WALTER A	KC5XC	DENHAM SPRINGS	LA	-	-
1/14/2004	32346	ROWLETT, WILLIAMM	WM4R	HOPKINSVILLE	KY	-	-
1/15/2004	32347	FELKER, ALEX D	N4LF	SANIBEL	FL	TAD BURIK	K3QC
1/16/2004	32348	CRANWELL, PETER C	WA2EIN	NEW CASTLE	VA	-	-
1/20/2004	32349	REVOIR, JOSEPH L	KA7FUL	KLAMATH FALLS	OR	CAROLYN BROOKS	AAB7ET
1/20/2004	32350	SCHACHTER, AVRAM	N3BBF	POTOMAC	MD	MARC A PRESSMAN	N4DR
1/20/2004	32351	BERINGER, HOWARD	KB0EQ	FLORISSANT	MO	JOHN GERMANOS	WB9PNU
1/20/2004	32352	GOLDSTEIN, HOWARD	N2WX	SARASOTA	FL	-	-
1/20/2004	32353	LONG, SAMUEL G	W4WSE	WINCHESTER	VA	JOHN C KANODE	N4MM
1/20/2004	32354	GRADY, STANLEY M	WB4ZTF	TRPOY	NC	JIM ADERHOLT	KI4DH
1/20/2004	32355	NOAKES, JOHN DOUGLAS	VE7NI	KAMLOOPS	BC	-	-
1/20/2004	32356	TINKER, MATTHEW E	N9ME	ASHLAND	KY	-	-
1/20/2004	32357	TROMPOWER, RODGER K	KA8FTS	CANTON	OH	DAVID GLASS	W8UKQ
1/22/2004	32358	COLANGELO, EUGENE J	WB4VKA	MUSTANG	OK	GENE NAILON	K5DLE
1/22/2004	32359	HICKMAN, CARL W	N5XE	SULPHUR	OK	GENE NAILON	K5DLE
1/22/2004	32360	PEARSON, INEZ	KY8V	LANSING	MI	DONALD TILLITSON	WB8NUS
1/26/2004	32361	BELROE, JOHN S	VE2CV	GATINEAU	QC	KEITH BEDAL	VE3GFI
1/26/2004	32362	CRUMRINE, LEO C	KA9EDR	WHEATFIELD	IN	RON BANASZAK	W9FB
1/26/2004	32363	TIPKA, JOHN W	W8UL	REYNOLDSBURG	OH	-	-
1/26/2004	32364	BECKMANN, PAUL J	WA0RSE	MENDOTA HEIGHTS	MN	-	-
1/26/2004	32365	DOLER, DAVID F JR	WA3YAY	PHILADELPHIA	PA	BOB ROSKE	N0UF
1/29/2004	32366	ROY, EUGENE L	N8ER	PARSONS	WV	DAVID L MAYS	W8UI
1/30/2004	32367	COVERT, LELAND	KA8FTM	CANTON	OH	DAVID GLASS	W8UKQ
1/30/2004	32368	FLOYD STEPHEN M	W4YHD	FAIRFAX STATION	VA	-	-
1/30/2004	32369	WEBER, GEORGE C	KA0BSA	NIWOT	CO	-	-
2/2/2004	32370	WOFFORD, LARRY	KF9BN	EDWARDSVILLE	IL	JOHN GERMANOS	WB9PNU
2/2/2004	32371	DREVO, RICHARD N	W3GNQ	LEWES	DE	R M MC CLANAHAN	W3RMM
2/2/2004	32372	FLEMING, JOHN FRANCIS	K8UP	OAK PARK	MI	-	-
2/3/2004	32373	BRUCE, T ZACH	WA4TJS	MT STERLING	KY	-	-
2/3/2004	32374	MARTIN, JOHN L	WB4KYB	BRADENTON	FL	-	-
2/3/2004	32375	MC LAUGHLIN, JAMES C	N8TT	LENNON	MI	-	-
2/3/2004	32376	PROCTOR, CHARLES W JR	KA0CJU	KIRKWOOD	MO	JOHN GERMANOS	WB9PNU
2/3/2004	32377	SCHAPER, HENRY G SR	KA0AWS	OAKVILLE	MO	JOHN GERMANOS	WB9PNU
2/3/2004	32378	SCHMITZ, STEPHEN J	W0SJS	OLIVETTE	MO	JIM GLASCOCK	W0FF
2/10/2004	32379	STROTHER, GEORGE C	KL7GS	WASILLA	AK	-	-
2/10/2004	32380	STROTHER, FRANCINE A	KL7EG	WASILLA	AK	-	-
2/10/2004	32381	LANCOS, JOHN	WA2UWE	BROOKLYN	NY	-	-
2/10/2004	32382	FAIR, PAUL G	WB3HEV	LEWES	DE	R M MC CLANAHAN	W3RMM
2/11/2004	32383	JONES, MORRIS WILEY	NM4R	CHARLOTTESVILLE	VA	HARRY DANNALS	W2HD
2/11/2004	32384	EMERT, MARY E	WB5TRW	EL PASO	TX	CLEYBORN E EMERT	K5TRW
2/11/2004	32385	WINKLER, RALPH D	WD8BBE	NEWARK	OH	GENE NAILON	K5DLE
2/11/2004	32386	HANRAHAN, WILLIAM J	W1WH	MILFORD	MA	-	-
2/12/2004	32388	PEACE, WALTER E	WD4IUD	PALM SPRINGS	FL	JEFF BEALS	WA4AW

New Members

2/12/2004	32389	HENDERSHOT, RONALD	KA8FTP	CANTON	OH	DAVID GLASS	W8UKQ
2/12/2004	32387	SPRINGFIELD, WILLIAM C	W5WCS	RED BANKS	MS	-	-
2/12/2004	32390	STONE, HARRISON A G	KI4DMS	VERO BEACH	FL	JOYCE ANDERSON	K4EER
2/17/2004	32391	ALBERT, ALBERT M	W8TTJ	CANTON	OH	DAVID POLEN	W8FRB
2/17/2004	32392	KILMAN, LAWRENCE E	WD9HHN	MARISSA	IL	VERNON HAYES	W0CYF
2/17/2004	32393	LEACH, PHIL	KK0PL	COLORADO SPRINGS	CO	-	-
2/17/2004	32394	SCHOEN, ROBERT D	KA5EWK	EL PASO	TX	-	-
2/18/2004	32395	MOLYNEAUX, GREG	N5CLM	ROSWELL	NM	-	-
2/20/2004	32396	COOPER, W CLARKE	K8BP	FRUITPORT	MI	ELMER WOOD	K8ROH
2/20/2004	32397	LEVENITE, MARK S	NM7L	RICHLAND	WA	TIM PALANGE	NW7TP
2/20/2004	32398	NEAL, JACK K	KI4DZS	ROANOKE	VA	-	-
2/23/2004	32399	BUSHEL, JOSEPH	W2DWR	LIVE OAK	FL	ARTHUR KUNST	W3WM
2/23/2004	32400	MALLMAN, BILL	AB4P	MERRITT ISLAND	FL	ARTHUR KUNST	W3WM
2/23/2004	32401	SAAVEDRA, ANGEL	N40ZH	FERN PARK	FL	AL LA PETER	W2AS
2/23/2004	32402	SZABO, STEPHEN W	WB4OMM	PORT ORANGE	FL	ARTHUR KUNST	W3WM
2/23/2004	32403	TREAT, JAMES	W9MQN	SHEBOYGAN FALLS	WI	ARTHUR KUNST	W3WM
2/23/2004	32404	GOLDMAN, BRUCE	K4OUJ	PARKLAND	FL	JOHN B JOHNSTON	W3BE
2/24/2004	32405	CARIFIO, RAYMOND PAUL	N4LTS	MIAMI	FL	JOHN JOHNSTON	W3BE
2/24/2004	32406	FLORES, ARMANDO	KG4LYD	MIAMI	FL	ARTHUR KUNST	W3WM
2/24/2004	32407	GONZALES, PHILLIP R	HK3SA	BOGOTA	SA	ARTHUR KUNST	W3WM
2/24/2004	32408	GREENBERG, SAUL	KN2P	PEMBROKE PINES	FL	JOHN JOHNSTON	W3BE
2/24/2004	32409	HUMELSINE, BRAD	NL7AU	ISLAMORADA	FL	ARTHUR KUNST	W3WM
2/24/2004	32410	RHINEHART, ERIC H	W4KPG	CANAL POINT	FL	JEFF BEALS	WA4AW
2/24/2004	32411	SCHURTZ, FRANCIS A JR	K4FP	HOLLYWOOD	FL	ARTHUR KUNST	W3WM
2/24/2004	32412	FINCH, KATHY	KD2VX	HILLSBOOUGH	NJ	-	-
2/24/2004	32413	ROGERS, JOHN C	WB8KZT	SANDUSKY	OH	-	-
2/24/2004	32414	MARTIN, TERENCE	WD4AON	CUMBERLAND	RI	PAUL TURNER	W1DLP
2/24/2004	32415	MULLIKIN, MICHAEL G	W8EHH	WINTER GARDEN	FL	AL LA PETER	W2AS
2/25/2004	32416	NUGESNESS, JAMES J	KI4DIB	CLEARWATER	FL	ARTHUR KUNST	W3WM
2/26/2004	32417	BROADDUS, ALWYN HOYLE	K6EMC	RIVERSIDE	CA	-	-
2/26/2004	32418	FORT, JOSEPH E	WB5YON	SEMINARY	MS	-	-
2/26/2004	32419	TRUMPIE, HARRY H	WD8PPR	BRIDGEPORT	OH	LYLE B QUINN	W0US
3/1/2004	32420	KAISER, RONALD R	K9RCN	CHICAGO	IL	-	-
3/2/2004	32421	REDMON, ROBERT	K5SM	WICHITA FALLS	TX	-	-
3/2/2004	32422	SICHTERMAN, NORBERT A	KFOXO	RAPDI CITY	SD	FRANK SHAW	W0BAK
3/3/2004	32423	DAWSON, CARLTON S	KD7QPE	CORVALLIS	OR	-	-
3/4/2004	32424	ANDERSON, GARY N	W8IVF	GREEN BEACH	WV	DAVID MAYS	W8UI
3/5/2004	32425	HANSEN, ROBERT F	K8RWD	CADILLAC	MI	DOUG ALMQUIST	WB8VOF
3/5/2004	32426	THOMAS, MICHAEL P	WB3LHT	GAITHERSBURG	MD	-	-
3/8/2004	32427	MARSHALL, FRED ROBERT	W5MLE	CARENCRO	LA	-	-
3/8/2004	32428	FISK, JAMES	W1HL	ANDOVER	MA	J SANTANGELO	N1JS
3/8/2004	32429	MC CANN, JOHN A	KW4U	FALLS CHURCH	VA	JOHN B JOHNSTON	W3BE
3/8/2004	32430	RODAKIS, DANA GEORGE	K4LK	ST PETERSBURG	FL	JOHN B JOHNSTON	W3BE
3/9/2004	32431	CROY, PAMELA A	K7PAM	POCATELLO	ID	FLOYD CROY	K8ZLO
3/9/2004	32432	SCHWENGER, RUDOLF	DJ3WE	GERMANY		HANS-JURGEN HAUTSCH	DL1JOE
3/9/2004	32433	DOMBACH, GISELHER	DJ2AVB	GERMANY		HANS-HURGEN HAUTSCH	DL1JOE
3/11/2004	32434	GRIBBLE, JOHN M	K8CHW	PARSONS	WV	DAVID MAYS	W8UI
3/11/2004	32435	MILLER, TOM	W1PDI	BAY VILLAGE	OH	-	-
3/15/2004	32436	KINCAID, DWAYNE	WD8OYG	ST LEONARD	MD	-	-
3/15/2004	32437	MARTIN, JIMMIE D	WB5K	ROY	WA	-	-
3/15/2004	32438	SWINNEY, ROGER S	W8CNJ	PERRYSBURG	OH	-	-
3/17/2004	32439	ADAMY, RICHARD	KA4GFY	ALEXANDRIA	VA	JOHN B JOHNSTON	W3BE
3/17/2004	32440	CUTCHALL, LEILA H	WN4PP	LORTON	VA	JOHN W REISER	WQ4L

3/17/2004	32441	CUTCHALL, CAROL M SR	WA4GFW	LORTON	VA	JOHN W REISER	WQ4L
3/17/2004	32442	EVERMAN, RANDALL D	NN4G	GRAYSON	KY	-	-
3/17/2004	32443	WHEELER, WILLIAM G	W8JBA	STEVENSVILLE	MI	DUANE DURFLINGER	KX8D
3/18/2004	32444	STRATTON, FRANK	VE3YY	OTTAWA	ON	D HEASLIP	VE3NJH
3/18/2004	32445	HALL, GREG C	WB0RJH	PIERRE	SD	FRANK SHAW	NU0F
3/19/2004	32446	KELLER, CHARLES R	AF4NT	ALEXANDRIA	VA	JOHN JOHNSTON	W3BE
3/19/2004	32447	BRAKEY, JAMES B	WB0EWW	WICHITA	KA	LINDA GRIEVE	KB0PHS
3/19/2004	32448	JONES, RONALD D	WB0SOK	MANTORVILLE	MN	-	-
3/19/2004	32449	METCALF, WALTER R	N9FR	HANOVER PARK	IL	-	-
3/19/2004	32450	VOSS, DAVID C	WB9USI	RACINE	WI	ROBERT N JENSON	WOWLN
3/22/2004	32451	RAPPOLT, JAMES ALLEN	WB3KBU	HARRISBURG	PA	-	-
3/22/2004	32452	WILLIAMSON, JIMMY L	NQ4T	HIGH POINT	NC	JOHN B. JOHNSTON	W3BE
3/23/2004	32453	HARRISON, JOSEPH D	K5CJ	DECATUR	TX	-	-
3/24/2004	32454	SIMONS, ANTHONY	W8AF	WESTON	WV	DAVID MAYS	W8UI
3/25/2004	32455	COLEMAN, JAMES K	WV8DS	LEWISBURG	WV	DAVID MAYS	W8UI
3/25/2004	32456	KODER, WALTER L	WD0CZO	DES MOINES	IA	LARRY WACHA	KOEDO
3/25/2004	32457	OVERMAN, TOM	N9HN	GRANGER	IN	-	-
3/26/2004	32458	RADLOFF, LUTZ	DL5KUA	GERMANY		WERNER LEMBCKE	DL1ZC
3/26/2004	32459	MADER, GUNTER	DL3YA	GERMANY		HANS-JUERGEN HAUTSCH	DL1JOE
3/28/2004	32460	SUDRANSKI, IRIS H	WA2DNK	BROOKLYN	NY	CHARLES SUDRANSKI	W2XY
3/29/2004	32461	EASTERLY, ROBERT A	KK5J	TULSA	OK	DAVID JOHNSON	AD5MH
3/29/2004	32462	LAWSON, WILLIAM	W0ITT	PITTSBURG	KS	DAVID JOHNSON	AD5MH
3/29/2004	32463	CLEGG, ANDREW	W4JE	ARLINGTON	VA	BILL SCHOLTZ	W3HXF
3/29/2004	32464	COGHILL, KENNETH R III	WB4ZOH	MANASSAS	VA	-	-
3/31/2004	32465	MRVOSH, MICHAEL E	W8LZC	DUNBAR	WV	DAVID L MAYS	W8UI

Silent Keys
With sadness we record the passing of these members

NAME	CAL	MEMNUM	L	SK	CITY	ST/PR
ENGLE, AUBREY D	AE4WZ	28204		2004	SUN CITY CENTER	FL
MARTIN, C V	AF50	32126		2004	EDGEVILLE VILLAGE	TX
BRANDENBERG, RICK	K0CNS	13799	*	2004	OOFALLON	MO
MC KEAN, STAN	K0LV	15085	*	2004	LEAVENWORTH	KS
ELIA, ANTHONY J	K4EMN	17452		2004	ROARING GAP	NC
HICKS, WALTER J	K4PQ	07977		2004	MELBOURNE	FL
AUBIN, J. WARREN	K5DVQ	12485	*	2004	BATON ROUGE	LA
SLOSS, RAYMOND	K5ZFN	18276		2004	BATON ROUGE	LA
LIPSIT, HARRIS	K7YNE	23999		2004	EUGENE	OR
ENNS, ERIC	VE3BB	21575		2004	WATERLOO	ON
GEIS, STEPHEN M	W0KOC	17316		2004	GLENDALE	MO
WALKER, LLOYD	W0QMH	27634		2004	LINCOLN	KS
JENSEN, R N	W0WLN	10484	*	2004	RACNE	WI
GINGROW, THEODORE T	W1ZAL	24599		2004	HALLOWELL	ME
WUNSCH, PAUL	W2LLT	04300		2004	SADDLE RIVER	NJ
DEWALD, JAMES A	W3KRQ	09470	*	2004	DANVILLE	PA
STOUTH, CHARLES	W3ZPP	13008	*	2004	KING OF PRUSSIA	PA
HAEGER, JOHN R	W4BYK	17518		2004	CORAL GABLES	FL
BOBBITT, THOMAS E	W4HV	14748		2004	CARY	NC
WOODS, L NEILL	W4LOG	15507		2004	WINCHESTER	VA
LEHR, OWEN A	W5VYB	11509		2004	EL PASO	TX
STRAZZARINO, JOSEPH A	W6BWZ	27983	*	2004	SACRAMENTO	CA
HEMERLEIN, FRANKLIN J	W6CYW	31659		2004	COVINA	CA
WILSON, RICHARD I	W6GV	29313		2004	FT WORTH	CA
REY, ALVINO	W6UK	06106	*	2004	SANDY	UT
NIELSEN, MILDRED D	W7FKS	05382		2004	SPRINGFIELD	OR
JOHNSTON, H W	W7PN	01679	*	2004	COUPERVILLE	WA
BIXLER, JAMES M	W8BJM	12842		2004	MAUMEE	OH
GAMMETER, EDWARD C	W8CSU	13212	*	2004	LCADIZ	OH
FARKAS, ARNOLD L JR	W8UPG	13569	*	2003	AKRON	OH
MILLER, JOSEPH A	W9WYG	31403		2004	HARTFORD	WI
TARVER, JOHN W	WA5FQA	23111	*	2004	BATON ROUGE	LA
WILSON, GLADYS M	WB5IBB	30489		2004	FT WORTH	TX
BROWN, HUGH T	WB7RBZ	31663		2003	KLAMATH FALLS	OR
HOLLOWAY, DONALD	WB8EYM	26921		2004	LANSING	MI

Member Classified

Wanted: National NTE transmitter, SW-3 Universal (octal tubes), Knight 2 tube "DXer", home-brew receivers, particularly Radio & ARRL Handbook designs, Military R1444. John, KU6X, 2512 Euclid Crescent E. Upland, CA 91784, (909) 981-6759, Email: hurstjsj@gte.net

LOOKING : Looking for a schematic and manual for a Heath "TWOer". Also need a crystal or two for the TX side of this rig. Tnx and Good DX. AK7P@arll.net

Please send classified ads to QCWA Journal, 672 Indian River Dr., Melbourne, FL 32935 to arrive no later than 1 month prior to publication date. Ads may also be faxed to 800-421-3279 or e-mailed to gwentz@digital.net

Kindly limit ads to 25 words. Words are counted as follows: WANTED, FOR SALE, FREE, etc count as 1 word; your address counts as 6 words.

When you buy amateur products and they ask where you first learned of their product, tell 'em you saw it in the QCWA JOURNAL.

JOIN THE AWA

ANTIQUE WIRELESS ASSOCIATION

The original and largest historical radio-collector group

• Publishes *The Old Timer's Bulletin*, Marc Ellis, Editor, with:

- Old-time amateur-radio contests
- Communications receivers
- Battery and AC receiver restoration
- Vacuum-tube history and collecting
- Free want-sell-swap ads
- Early television
- Horn loudspeakers
- News of U.S. and foreign clubs

- Produces the famous annual Rochester meet
- Maintains unique radio-TV museum

Membership is only \$20 per year in the US (\$25 elsewhere)

Write to:

Antique Wireless Association, Inc. • Box E, Dept. 3
Breesport, NY 14816 <http://www.antiquewireless.org>



QCWA Directories Available
The QCWA 2003 Directories are available
on CD ROM from headquarters.

Only \$10.00

Contact

QCWA, Inc.
PO Box 3247
Framingham, MA-017053247
Telephone:
508-405-1930
FAX: 508-405-1965
qcwagm@rcn.com

From MILLIWATTS to KILOWATTS™

RF POWER TRANSISTORS • TUBES POWER MODULES



Best pricing on U.S. & Russian
Transmitting & Receiving Tubes



3-500ZG • 811A • 572B
6146B & W • 8122 • 3CX400A7 & U7 • 3CX800A7
3CX1200A7/D7/Z7 • 3CX1500A7 • 3CX3000A7 • 4CX250B & R
4CX400A • 4CX800A • 4CX1000A • 4CX1500B
including full range through 4CX20,000A



Complete inventory for servicing
amateur and commercial
communications equipment.

Transistors • RF Modules • Trimmers • Doorknob Capacitors
Heatsinks • Bird Wattmeters • Relays
Broadband Transformers & Combiners

**MOTOROLA
TOSHIBA**



Send for your **FREE** Catalog

Same Day Shipping on most orders.

800-RF-PARTS • 760-744-0700

Fax: 760-744-1943 • E-mail: rfp@rfparts.com
435 So. Pacific Street • San Marcos, CA 92069

Complete Catalog On-line: **www.rfparts.com**

W6NQ • K6NDG • K6CAQ • K6DRA • N6DAS • WA6GYG



RF PARTS™
COMPANY
FROM MILLIWATTS TO KILOWATTS™





QUARTER CENTURY WIRELESS ASSOCIATION, INC.

PO Box 3247, Framingham, MA 01705

Voice (508)-405-1930

FAX (508) 405-1965

This form for use by all U.S. Applicants
for membership in QCWA
Effective 4/1/96

For Office Use Only

Membership No. _____

Date _____

First Licensed, Year _____

Deposit Record _____

Have you previously been enrolled in QCWA ? _____

I, _____, _____
(Print Name Clearly) Present Call _____
having been licensed as an amateur 25 or more years ago and presently holding the call listed above
(it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA..
I understand that proof of the original date of licensing is required. My complete mailing address is :

Street Number and Name _____ City _____ State _____ Zip Code _____
E-Mail Address _____ Telephone Number _____

I will keep QCWA Headquarters advised of changes in my address and/or call sign. My first Amateur license was

dated _____ and the Call was _____ Other Calls Held _____

Date of Birth _____ Birthplace _____

I wish to become affiliated with QCWA Chapter _____

Your Signature _____

SCHEDULE OF MEMBERSHIP FEES

Select one of the following plans

	Members	Family	
QCWA dues for a one year period	\$20.00		_____
QCWA dues for a two year period	\$35.00		_____
QCWA Dues for a three-year period	\$50.00	12.00	_____
QCWA Life Membership	\$300.00	90.00	_____
Payable in 3 equal installments of \$ 105 each, in a one year period.	\$315.00	\$105.00 (3 pay of \$35.00)	_____

Initial registration fee, all new members \$3.00

Gold membership pins are available, your call engraved, no year tags. Check fastener.

Tie-tac _____, Screw button _____, Safety pin _____ \$10.00 each _____

Year tag pins, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 tie-tac only \$15.00 each _____

All payments to be in U.S. Funds. Total _____

Proposed by _____, Call _____, No. _____

pmstuff\applications

Multiple Meter Readouts The latest in meter technology! These digital meters are visually superior to and of a higher performance than analog. Log on to www.icomamerica.com/7800 and see for yourself!

Multiple Spectrum Displays Select a standard spectrum display centered on your operating frequency or a fixed range to view the band! (Photo shows the fixed range spectrum display.)

IC-7800 The Ultimate HF!

CF Card Slot The ultimate way to "take your rig with you". Just pull your CF card from your '7800, slide it into another '7800, and you now have your rig!

Triple Band Stack Registers
Memorizes the last 3 used frequencies — quick recall for band hopping, provides the ultimate in multi-mode flexibility.

DUAL RECEIVER CONTROLS

Digital Voice Recorder Controls
Simple record and play controls for the internal DVR. Great for quick recording and playback of a call, great for reducing the number of broken calls in your log.

Dual VFO Tuning Knobs
Independent tuning knobs for each receiver. The size difference allows for "no-look" operation!

DUAL RECEIVER CONTROLS

Gentlemen, start your engines. All four of them!

Power your way to front of the pack with Icom's new IC-7800. Cutting edge digital meets the best of world class analog, resulting in an amazing +40dBm IP3 in the HF bands! But that's not all. The '7800 has two identical, independent receiver circuits. Receive two different bands simultaneously on different antennas, with no adverse effects from one receiver to the other! There are four 32-bit floating point DSP units with 24-bit AD/DA converters, one each for the main RX, second RX, TX, and spectrum scope, to accelerate data processing to whiplash speeds! Newly designed power amplifiers provide a powerful 200W of output power at full duty cycle and low transmit IMD. Make your move at your authorized Icom dealer!

Dual Receive Controls Separate key receiver controls for each receiver. Volume, RF gain, and DSP controls, as well as independent controls for the Digital Twin PassBand tuning and the 70 dB Manual Notch filters. Whether in a contest, or just hopping around the bands, easy access to receiver controls are at your fingertips.

Dual Digital Twin PassBand Tuning Only Icom brings you Digital Twin PassBand tuning. Adjustments can be made for each receiver without affecting the other receiver.

Independent Digi-Sel Controls Incorporated into the IC-7800 is a newly designed digital pre-selector, with separate controls for each receiver.

Independent Auto Tune Automatically zero beat your CW or AM carrier signals. The '7800 makes sure you're right on the proper frequency for these modes. Each receiver has a separate control.

Independent AGC Settings Multiple AGC settings for each receiver. On-the-fly adjustment for either preset AGC settings, or a completely variable AGC control.

©2004 Icom America Inc. The Icom logo is a registered trademark of Icom Inc. All specifications are subject to change without notice or obligation. 6777

www.icomamerica.com

ICOM

